

Livestock Projects

Special Rules for Livestock Projects

Livestock Quality Assurance: **Every** member taking livestock (not horses or dogs) **must** attend Quality Assurance training. There are four options for completing Quality Assurance training.

- Attend one of the in person county-wide trainings offered in Seneca County. **4-H members taking a livestock project for the first time must attend one of these options with a parent or guardian.**

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| Monday, February 26 th , 2024 | 6:00 p.m. | Bellevue School |
| Tuesday, March 26 th , 2024 | 6:00 p.m. | Mohawk School |
| Sunday, April 28 th , 2024 | 1:00 p.m. | Sentinel Career and Technology Center |

- Attend a qualified Quality Assurance training within your club. This will be presented by either a FFA instructor or 4-H club advisor who have been trained and certified by a 4-H Extension Professional. Not all clubs will offer this program.
- Attend a qualified Quality Assurance training in another Ohio county- (fees may apply). You can call the Extension Office for dates and times.
- Attend a qualified Quality Assurance training at an Ohio 4-H approved event. These could be at a clinic, Junior Swine Day, Ohio Beef Expo, Dairy Palooza, Young Shepherds Expo, Ohio 4-H Conference, etc. Proof of certification or attendance must be sent to the Extension Office to be able to check you off the list.

There will be a test out option available to those who are 15-18 years of age as of January 1st of the current year. These members will be able to test out of the annual Quality Assurance program permanently. The test out option is only available at the in-person county-wide Quality Assurance trainings. The testing will begin one hour before the start of the training (either 12:00 or 5:00 p.m.). The tests will be graded on the spot and the member will know whether he/she passed the test and will have to stay for the training or may leave.

Quality Assurance must be completed by a county deadline of **May 1st of the current year.**

All livestock exhibitors will be subject to rules and regulations listed in the Jr. Fair book under General Livestock Exhibitors and rules and regulations listed in each species.

Project Book Requirements: 4-H and FFA members must submit a completed record book for each project being exhibited at the fair. Books will be due the day of that species interview and skill-a-thon.

Junior Fair Livestock Entries: Jr. Fair entries are required to be made for all animals being exhibited at the fair. Check with your advisor for instructions. Please declare if you are showing at Tiffin, Attica Independent Fair or both in your online enrollment. All entries for all Junior Fair projects must be submitted to the Junior Fair Office by midnight June 15th. Any entries after this date are subject to a \$50.00 fee per project. Please confirm with your 4-H advisor that your entries are complete.

Specific Project Requirements: Most livestock projects have additional requirements such as possession dates, tagging/identification, weight limits, age, breeds, etc. These requirements can be found in the project descriptions in the family handbook and more specific information can be found in the Jr. Fair Book.

Drug Use Notification Form (DUNF): DUNF's are required for all **market** animals. Breeding animals do not require DUNF. All forms need to be filled out and submitted electronically by check-in day of the fair (the Sunday before the fair starts).

County Fair Requirements: Jr. Fair entries will not be accepted from members who fail to meet their club’s participation requirements (attendance, project completion, community service, etc.) **Members who fail to meet club requirements are not in good standing and are NOT eligible to compete at the fair.**

Housing Forms: 4-H members who do not have their animal(s) at their home need to complete a housing form each year. This form will stay on file for verification of where the animal is housed. All housing forms are subject to a validity check of accuracy. Forms must be turned in by April 30th.

****Exhibition of animals coming across state lines will not be permitted.****

Livestock Resource Books: Resource books are available for beef, dairy, goat, sheep, llama and alpaca, rabbit, and swine projects at the Extension Office for an additional cost. The Resource Handbooks are a one-time purchase that contains essential information for members and is an excellent resource for skillathons.

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| 117R- Beef Resource Handbook- for members taking a market beef, beef breeding, beef feeder or dairy beef feeder project..... | \$19.04 |
| 127R- Dairy Resource Handbook- for members taking a dairy calf, heifer or cow project..... | \$21.45 |
| 135R- Goat Resource Handbook- for members taking a goat project..... | \$18.23 |
| 194R- Sheep Resource Handbook- for members taking a market lamb or sheep breeding project..... | \$21.45 |
| 132R- Llama and Alpaca Resource Handbook- for members taking llama and alpaca projects..... | \$18.23 |
| 228R- Rabbit Resource Handbook, revised for 2024- for members taking a breeding rabbit, market rabbit or pet rabbit project..... | \$TBD |
| 134R- Swine Resource Handbook- for members taking a market hog or swine breeding project..... | \$19.31 |

* There is no Poultry Resource Handbook for 2024.*

State Fair Information for Livestock Projects:

Members taking livestock projects marked with “State Fair” may exhibit at The Ohio State Fair if they choose. Horses have a qualification system, but all other livestock are open for entries. Entries are due June 20th and must be signed or approved by the county Extension Educator. Please see the State Fair website for additional information, details, and forms. www.ohiostatefair.com

BEEF

117B- Beef Breeding Project and Record Book: All Levels and State Fair Eligible

Members will select the animal(s) and learn skills in record keeping, feed, management, genetics, reproduction, and herd health. Members will complete the project and record book every year a beef project is taken. Animal(s) possession date is May 1st except for calves born after the possession date.

Fair Exhibit: The project animal(s).

117M- Market Beef Project and Record Book: All Levels and State Fair Eligible

Members will raise, keep records, and market up to three market beef animals. Members will complete the project and record book every year a beef project is taken. All market animals must be dehorned and castrated. All animals must be tagged on the first Saturday of December. Members may tag up to four animals, but may only show three. Animals being shown at the State Fair must have an EID ear tag and DNA hair sample.

Fair Exhibit: Up to three market beef animals.

*****Members may exhibit any combination of three feeder calf projects*****

Upon move in you will receive a colored coded card that indicates Dairy Feeder, Dairy Beef Feeder, Beef Heifer or Beef Feeder. The judge will evaluate the card and your animal at the scale. If the judge determines that you are in the wrong category at weigh in, you will be notified of the change by midnight Sunday. Judge's decision is final.

117BF- Beef Feeder/Beef Feeder Heifer Calf Project and Record Book: All Levels and State Fair Eligible

Members will raise, keep records, and market up to three feeders. Members will complete the project and record book every year a beef project is taken. Animal possession date is April 30th. Calves may be a steer or a heifer. Calves must be dehorned and castrated. All animals must be pictured in the front and both sides with the exhibitor in the photos. Photos are due to the Junior Fair Office by April 30th.

Fair Exhibit: Up to three feeders weighing 300-650 pounds.

117DF- Dairy Beef Feeder Project (dairy feeder and dairy beef feeders, no heifers) and Record Book: All Levels and State Fair Eligible

Members will raise, keep records, and market up to three feeder or dairy feeder calves. Members will complete the project and record book every year a beef project is taken. Animal possession date is April 30th. Calves must be dehorned and castrated. All animals must be pictured in the front and both sides with the exhibitor in the photos. Photos are due to the Junior Fair Office by April 30th.

Fair Exhibit: Up to three dairy beef or dairy feeder calves weighing 300-650 pounds.

DAIRY CATTLE

127- Dairy Calf, Heifer, and Cow Project and Record Book: All Levels and State Fair Eligible

Members will learn how to raise, care for, manage and keep records for one or more dairy animals. Members will select their animal(s) and learn skills in record keeping, feeding, management, genetics, reproduction, and herd health. Members will complete the project and record book every year a dairy calf, heifer or cow project is taken. Animal possession date is May 1st, except for calves born after the possession date. The Jr. Fair book offers additional details.

Fair Exhibit: Animal(s) raised.

GOATS

135D- Production Goat: All Levels and State Fair Eligible

Select the animal(s) and learn skills in record keeping, feeding, management, genetics, reproduction, and herd health. This project is for those wishing to experience responsibility for raising, training, showing, and breeding dairy, boer, and all other goats. Project may be repeated, but a new project and record book will be completed each year taken. Possession date is May 1st. All registered does must be tattooed, tagged, or microchipped with premise ID and have a pedigree or certification of registry. Unregistered do not need certification of registry, but still need a scrapie tag. **Production goats can have horns, but are encouraged to show according to breed specifications.**

Fair Exhibit: At least one entry in production goat classes, as listed in the Jr. Fair book.

135PY- Production Goat- Pygmy: All Levels

For members who would like to learn more about raising, training, and showing Pygmy goats. Possession date is May 1st. Wethers must have no evidence of testicles. Pygmy goats are permitted to show with horns. All goats must be tagged, tattooed, or micro-chipped with premise ID of origin. If tattooed or micro-chipped, registration papers must accompany the goat.

Fair Exhibit: One or two pygmy goats (wethers or does).

135H and 135P- Harness and Pack Goats: All Levels

Members will train their goat to accept a harness and pull a small cart, or to accept a pack, carry weight, and navigate obstacles. Possession date is May 1st. All animals must be dehorned, except pygmy goats. No wether must have evidence of testicles. All goats must be tagged, tattooed, or micro-chipped with premise ID of origin. If tattooed or micro-chipped, registration papers must accompany the goat. **Members may not use current year's market goat project or production goat project as exhibit for this project area.**

Fair Exhibit: One or two goats (wether or does).

135M- Market Goats: All Levels and State Fair Eligible

Raise at least one goat for market and learn about market goat management. Secure and feed at least one goat born **on or after January 1st through April 1st of the current year**. Possession date is May 1st. All goats must be dehorned and tagged with a scrapie tag with the premise ID of origin. Goats may be dairy, boer, or crossbred. Dairy goats must be 100% of any dairy breed or cross within dairy breeds (no non-dairy crosses). Boer goats may be purebred or crosses, but must contain a minimum of 1% boer. Goats must weigh a minimum of **50 pounds**. **Any market goat below 50 pounds cannot exhibit and must leave the fairgrounds immediately after weigh-in the Sunday before the fair.** No wether can have evidence of testicles. All market goats must be tagged by the Goat Committee on the 2nd Saturday in May. All market goats are required to have scrapies identification by tagging date.

Fair Exhibit: One or two goats (wethers or does).

HORSES

Members showing horses need the following:

- **Project and Record Book**
- **A copy of the Uniform Rules for 4-H Horse Shows, revised for 2024**
- **Seneca County Horse and Pony Advisory Committee Rules**
- **Code of Conduct Form (signed by March)**
- **Complete EquiSTEP online training (Includes 191R (Horses, Safety, and You) Ethics, and Helmet Safety)**

Forms due to the Extension Office by May 1st:

- **Horse Identification Papers and Pictures**
- **Lease Agreements (if applicable)**
- **Rules of Acknowledgement**

Judging Requirements for the following Horse projects:

- **Complete Horse Skillathon**
- **Completed project and record book (190R). Judging is per club advisors.**
- **Interview judging at the fair, including project and record book.**
- **Animal exhibited and judged at the fair or**
- **Animal and project judged at home by a horse advisor for a grade only.**

174- Beginning Horse Management: Beginner

This is a multi-year project. Members will learn the basics of feeding and caring for a horse. Members will learn different riding gaits-walk, trot, and canter. They will also learn how to mount and dismount correctly. Members will increase their horsemanship skills, recognize breeds, coloring and markings, learn safe practices, and how to keep accurate records.

175- Light Horse Selection: Intermediate

Members will learn the anatomy of their horse, confirmation, how to judge horses and give reasons, use correct terms, and identify soundness and defects.

177- Horse Training: How to Talk to Your Horse: Intermediate

This is a basic training project. Members will learn steps to properly train their horse, effectively communicate, and gain a better understanding of the intelligence of a horse. Members will learn the proper way to teach the walk, trot, canter, stop, and about the backing and suppleness in the neck and body of any horse.

180- Learning to Jump: Intermediate

Take the intermediate rider through the jumping process, beginning on the flat and working through cavaletti and eventually hurdles. Includes beginner and advanced skill sheets. Members are not permitted to jump at the fair unless they have taken or are currently taking this project.

181- Draft Horses: Intermediate

Learn more about these fascinating and magnificent giants. Learn about their care, feeding, harnessing, hitching, showing, and more.

182- Small Equine: Intermediate

This intermediate project is for a miniature horse, donkey, or mule. Learn the basics of caring for small equine, guiding in-hand and driving, and showmanship. Youth must complete 191R Horses, Safety, and You, and 174 Beginning Horse Management before taking this project. Use with 190R Equine Record Book each year project is taken.

184- Standardbred Horses: Intermediate

This intermediate level project is designed for youth interested in learning more about raising harness horses. Learn to safely harness, to cart, and to drive a harness or pleasure driving horse. Members will also learn to break a young horse to harness, shoeing, conditioning, driving for pleasure, and more.

186- Gymkhana- Intermediate, new for 2024

Get started and succeed in competitive games on horseback! Learn how to take care of your horse, the patterns of gymkhana (including the barrel and flag races), and everything else you need to know to excel at gymkhana. This project requires access to a horse and completion of a one-page report.

187- Roping: All Levels, new for 2024

Members will explore roping's rich history and its deep roots in the American West and the rodeo. Members will learn how rope is made and understand how each type of rope is used. Once members have practiced the basics of roping, they can put their skills into action by exploring the different types of roping events such as ground roping, mounted competition, breakaway roping, goat tying, tie-down roping, and team roping. This project may be repeated up to three years as long as new learning takes place. Project animal is required for mounted roping activities, but project can be completed without a horse.

188- Trail Riding: Intermediate

In this project, members will select, care, condition and work with their horse as they build skills in trail riding.

189- Dressage: Intermediate

Members will develop their horse's physical abilities and learn to control their horse's every move. This is an intermediate level project designed for members who have completed *174 Beginning Horse Management*. There is no time limit for this project and it may be repeated. Third year dressage members who would like to continue these lines of projects are encouraged to take a self-determined project in dressage. Doing so requires competing in open competition at a higher level than the previous year, scoring a 55 or higher.

LLAMAS AND ALPACAS

132- Llama and Alpaca Project and Record Book: All Levels

Complete this required project and record book every year a llama or alpaca project is taken. Get to know all aspects of llama and alpaca care while keeping complete records of your experience. Possession date is May 1st. Animals must be current on all immunizations and show no evidence of illness or disease. Animals must be weaned prior to coming to the fair and must be at least six months old. Llamas and alpacas must be halter broke and used to being around the public.

Fair Exhibit: Animal(s) raised.

POULTRY

Please remember that Jr. Fair birds are to be properly cleaned and proper water cups used at all times while exhibiting at the fair. Poultry committee members do not provide animal care for Jr. Fair exhibitors.

All production (pullets), broilers, fancy poultry, and turkeys must be negative for Pullorum/Fowl Typhoid disease.

Requirements are listed in the Jr. Fair book under livestock rule 901: 1-18-05. Please be sure to get this paperwork when purchasing your birds.

Members will be limited to one pen per project.

150 CEP- Poultry Production: Raising Pullets: All Levels and State Fair Eligible

Members will select the animal(s) and learn skills in record keeping, feeding, management, breeding, and flock health. There is no hatch date, but members are recommended to get birds that hatched in February/March. Members must have birds in possession by May 1st. Pullets must be less than one-year-old and layers must be older than one year.

Fair Exhibit: Members will show a pen of two (pullets or laying hens).

150 CM- Raising Broilers: Market Chickens: All Levels and State Fair Eligible

Members will select and raise poultry for market and learn about flock management. Broilers have no hatch date, but it is recommended to get them 6-8 weeks before the fair. Meat chickens will be leg banded at weigh-in.

Fair Exhibit: Members will show a pen of three birds, with a minimum weight of 15 pounds and a maximum weight of 21 pounds per pen- combined weight.

150 CE- Raising Fancy Poultry: All Levels and State Fair Eligible

Members will discover the many different types of poultry from around the world and will gain an appreciation for these colorful birds. Members will construct a pen, plan a budget, and raise their own fancy poultry. Birds must be one year or older. Possession date is May 1st.

Fair Exhibit: Members will show a pair (male and female) of the same breed.

150 TM- Raising Turkeys (Market): All Levels and State Fair Eligible

Members will raise turkeys for market, and learn about turkey flock management. Turkeys must be raised with adequate equipment and separate from chicken flocks. Market turkey, recommended 18-20 weeks of age (all birds must be less than one year old). Possession date of March of current year. Market Turkeys must not exceed a maximum weight of 38 pounds and will be weighed the Sunday before the fair from 2:00-4:00 pm. Meat turkeys will be leg banded at time of weigh-in.

Fair Exhibit: One market turkey.

150 TE- Turkey Exhibition: Breeding Turkey: All Levels and State Fair Eligible

Members will select and raise breeding turkeys and learn about turkey flock management. Turkeys must be at least one year old and in possession by March of current year.

Fair Exhibit: One male and one female of the same breed.

150 DM- Market Duck: All Levels and State Fair Eligible

Members will select and raise market ducks and learn skills in record keeping, feeding, breeding, and flock management. Ducks must have a hatch date of 8 weeks maximum prior to the fair.

Fair Exhibit: Two market ducks, male or female.

150 DE- Duck Exhibition: Breeding: All Levels and State Fair Eligible

Members will select and raise breeding ducks and learn skills in record keeping, feeding, breeding, and flock management. Birds must have been hatched between September 1st of the previous year and April 1st of the current year. Possession date is May 1st.

Fair Exhibit: A pair of ducks, one male and one female of the same breed.

150 GM- Market Goose: All Levels and State Fair Eligible

Members will select and raise market geese and learn skills in record keeping, feeding, breeding, and flock health. Geese must have a hatch date of 13 weeks maximum prior to the start of the fair.

Fair Exhibit: Pen of two, male or female.

150 GE- Goose Exhibition: Breeding: All Levels and State Fair Eligible

Members will select and raise breeding geese and learn skills in record keeping, feeding, breeding, and flock health. Birds must have been hatched between September 1st of the previous year and April 1st of the current year. Possession date is May 1st.

Fair Exhibit: A pair of geese, one male and one female of the same breed.

SHEEP

All sheep must have premise tattoo, ear tag, or microchip to meet scrapies disease program requirements prior to the fair. Paperwork must be completed prior to fair for state inspection.

198- Market Lamb Project and Record Book: All Levels and State Fair Eligible

Members will select and raise at least one lamb for market, and learn about market lamb management. Members will complete the project and record book every year a market lamb project is taken. Animal possession date is May 1st. Members are limited to two market animals. Wethers must be castrated. All animals must be tagged by the Sheep Committee the 2nd Saturday in May. Lambs must have scrapies identification and must be banded prior to tagging. Members may tag up to four lambs, but can only exhibit two.

Fair Exhibit: A maximum of one or two lambs, weighing 90 pounds or more.

199- Sheep Breeding Project and Record Book: All Levels and State Fair Eligible

Members will select lambs and learn skills in record keeping, feeding, management, genetics, reproduction, and flock health. Members will complete the project and record book every year a breeding lamb project is taken. Animal possession date is May 1st.

Fair Exhibit: At least one entry in the breeding sheep classes shown in the Jr. Fair book.

SWINE

139- Market Hog Project and Record Book: All Levels and State Fair Eligible

Raise at least one hog for market and learn about market hog management. Members will complete this required project and record book every year a market hog project is taken. There is no tagging requirement, but hogs must be in possession by May 1st. The Jr. Fair swine show is terminal and all hogs will go directly to slaughter from the fair.

Fair Exhibit: One or two hogs, weighing between 210 – 280 pounds.

140- Swine Breeding: All Levels and State Fair Eligible

Members will select an animal and learn skills in record keeping, feeding, management, genetics, reproduction, and herd health. Members will complete this required project and record book every year a swine breeding project is taken.

Fair Exhibit: Breeding animals are **not** shown at the fair. Members must still do the project but will only display a poster at the fair. Posters will be displayed in the Booth Building.

DOGS

200- All About Dogs: Beginner Level and State Fair Eligible, Jr. (8-10 years old), Int. (11-13 years old), Sr. (14 and up)

Ever wonder how pre-historic dogs met pre-historic humans? Want to know how dogs think and the meaning behind their body language? Curious about what keeps dogs happy and healthy? Discover these answers and the valuable roles these furry companions play in our lives. For beginning-level members who may or may not have a dog. Not for members enrolled in another dog project.

Judging Requirements: Completed project book and a poster (22x14 inches) of something learned. Judged at the fairgrounds on July 13th.

Fair Exhibit: Poster from judging.

General Dog Project Information for 201 Dog Projects:

Required supplement for all 201 Dog projects is 201R *Dog Resource Handbook*. All dogs shown at the fair must be at least 6 months of age at fair time. All dogs must be licensed and must be current with vaccinations (given by a licensed veterinarian) by July 1st of the current year. All dogs must be parasite free and females must not be in season at the time of fair.

Mandatory Dog Info Meeting for anyone enrolled in 201 Dog Projects(s): The 4-H members and an adult family member MUST attend 1 mandatory Dog Project meeting on either Thursday, April 11th at 6:00pm-8pm or Saturday, April 13th at 10:00am-12:00pm. Please bring 2 pictures of your dog(s); 1 front and 1 side view, as well as your dog's license number with you to the meeting.

201- Dog Project and Record Book: All Levels and State Fair Eligible

Complete this required project and record book every year any 201 dog project is taken. Get to know all aspects of dog care and welfare while keeping complete records of your experience as a dog owner. Youth will use only one project book each year, even if your dog is involved in more than one project and even if you have more than one dog. Please note that if more than one dog is taken in the same year, a separate set of records (found in the project book) will need to be completed for each additional dog. Appropriate for dogs that are family pets and for dogs that are used for show. Use with 201R *Dog Resource Handbook*.

Use 201 Dog Project and Record Book for all of these dog projects:

201D- You and Your Dog: All Levels and State Fair Eligible, Jr. (8-10 years old), Int. (11-13 years old), Sr. (14 and up) *Required for 1st year dog project(s)

This project helps youth get to know about all aspects of dog care and welfare while keeping records of the experience of being a dog owner. The youth should care for the dog on a daily basis.

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. BRING DOG TO JUDGING. Judged at the fairgrounds on July 13th.

Fair Exhibit: Poster from judging.

201O- Obedience: All Levels and State Fair Eligible

This project covers beginning through advanced obedience training starting with heel, sit, down, come and stay.

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. Judged at the fairgrounds on July 13th (includes ring work).

Fair Exhibit: Poster from judging.

201S- Showmanship: All Levels and State Fair Eligible

Members will learn the basics of dog showmanship- how to best present the dog and the handler in the show ring.

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. Judged at the fairgrounds on July 13th (includes ring work).

Fair Exhibit: Poster from judging.

201P- Performance Agility (*201PA) and/or Performance Rally (*201PR)

Description of each project is detailed below. There will only be one set of requirements even if both 201P projects are taken.

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. BRING DOG TO JUDGING. Judged at the fairgrounds on July 13th; ring work for either/both projects is at the fair.

Fair Exhibit: Poster from judging.

***201PA- Performance- Agility**

This is dog obedience training showcased on an obstacle course. It includes jumps, tunnels, ramps, weave poles, and other obstacles.

***201PR- Performance- Rally**

This is a timed obedience course following signs at different obedience command stations.

201W- Working Dogs

Includes assistance dogs working toward a position with a service dog organization (Pilot Dogs, Canine Companions for Independence).

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. Judged at the fairgrounds on July 13th (includes ring work).

Fair Exhibit: Poster from judging.

202- Dog Achievement Program: All Levels, Recognized at the State Fair Only (Non-Competitive)

Earn certificates and pins by selecting from hundreds of activities that cover basic training, exercise, health and safety, etc. Activities are divided into beginner, intermediate, and advanced levels depending on experience. Perfect for youth who do not have access to a dog club or to volunteers with dog experience and also for those who are not interested in competing. Use with 201R *Dog Resource Handbook*. DAP Manual & DAP Record pages are available at the county Extension Office or can be printed online. Detailed instructions can be found at go.osu.edu/DAP.

Certificate/Pin Requirements: To receive a certificate or pin, you must verify the completion of each DAP category by filling out an online DAP project summary questionnaire. To be recognized at the State Fair, the DAP Project Summary Verification questionnaire must be submitted and verified by the Extension Office by July 1st.

Fair Exhibit: Nothing required at county level.

201R- Dog Resource Handbook, revised for 2024 *REQUIRED SUPPLEMENT FOR 201 or 202 DOG PROJECTS*

This resource handbook contains essential information for members taking a dog project and includes everything from selecting a dog that's right for you, proper care, training techniques, dog anatomy, competition, and much more. An excellent resource for skillathons! Purchase it just once and use it for several years. (\$TBD)

210- Assistance Animals in Action, new for 2024: Intermediate and State Fair Eligible

Learn more about how animals, especially dogs, can "lend a paw" to help people. In this project, members will learn about the human-animal bond, zooeyia, and the work of three types of assistance animals. Members will find out about how they are trained, the amazing things they do, and the best ways to interact with these incredible animals!

Judging Requirements: Completed project book and a poster (22x14 inches) of something learned. Judged at the fairgrounds on July 13th.

Fair Exhibit: Poster from judging.

230- 4-H PetPALS Project and Record Book

This project and record book helps 4-H members set goals for the year and keep records of their 4-H PetPALS activities and accomplishments. Youth must belong to a 4-H club or group with a master 4-H PetPALS volunteer leader. PetPALS is the only statewide 4-H pet therapy program approved by American Kennel Club (AKC), and youth who take this project are eligible to earn an AKC therapy dog title. This project can be repeated as long as youth reenroll in an established 4-H PetPALS club, or a club or group with a master 4-H PetPALS leader, and activities are completed under the supervision of an adult (4-H PetPALS leader, project helper, health care facility staff, parent, etc.). Completion of a new 230 project book is required each year. To be able to be judged in 4-H PetPALS, members taking dogs **must be enrolled in both the 230 PetPALS project AND 201W Working Dogs**.

Judging Requirements: Completed project book with report and a poster (22x14 inches) of something learned. BRING DOG TO JUDGING. Judged at the fairgrounds on July 13th (includes ring work).

Fair Exhibit: Poster from judging.

RABBITS

Meat pens consist of three rabbits between 70 and 100 days old and weighing between 3 ½ and 5 pounds per rabbit with a maximum weight of 15 pounds per pen. A single fryer consists of one single rabbit approximately 70 days old and weighing between 3 ½ and 5 pounds. All rabbits must be tattooed in the left ear prior to their arrival at the fair.

228- Rabbit Project and Record Book: All Levels and State Fair Eligible

Members will select one or more rabbits and learn skills in record keeping, feeding, management, genetics, reproduction, and health. Possession date is May 1st of the current year. Rabbits must be over three months of age.

Fair Exhibit for Breeding Rabbits: Members are encouraged to obtain and raise a purebred rabbit, although any pet rabbit may be used. **Beginner:** Exhibit a minimum of two rabbits. **Intermediate:** Exhibit a minimum of three rabbits. **Advanced:** Exhibit a minimum of two does and one buck.

Fair Exhibit for Market Rabbits: **First Year Beginner:** Exhibit a minimum of two does and one buck over three months of age plus one single fryer rabbit. **Second Year Intermediate:** Exhibit a minimum of two does and one buck of the same breed and over three months of age and one single fryer and/or one meat pen. **Third Year Advanced:** Exhibit two does and one buck of the same breed plus two does and one buck of another breed all over three months of age plus one single fryer and one meat pen. All market rabbits are eligible for the commercial sale.

Fair Exhibit for Pet Rabbit(s): Exhibit rabbit(s).

Miscellaneous 4-H Projects

Project Central is an easy way for 4-H members to preview project books and resources. Project Central can be viewed at <http://projectcentral.ohio4h.org/>

As members complete online enrollment, please make sure to select and indicate how many years and what project level you are entering for each project selected and complete no later than March 20th of the current year. This will ensure the member is placed in the right level of knowledge and experience and placed with the correct judge during pre-fair judging. We have 4-H projects that allow you to take the project for multiple years. You must increase your knowledge and skills and bring previous years project books, displays, and constructed garments to show the judge this progression. Make sure to stay within the skills and guidelines of the level in which you are selecting. For example, doing more advanced skills as a beginner level may result in disqualification or a lower grade.

For projects that allow the use of technology, there is not a wireless Internet connection available; therefore, make sure your presentation is downloaded to your computer and does not need Internet connectivity to open.

CLOTHING AND TEXTILE SCIENCE

Clinics

There will be a clothing and textiles project clinic for anyone taking a sewing project or for any member that might want to learn more and pursue a sewing project in the future. Please consider attending our clinics as they are different every year and we touch on topics of seam finishes, sewing on a button, safety and parts of the sewing machine, completing a Total Look outfit, reading a pattern, learning how to measure, and so much more! Check our website at www.Seneca.osu.edu, our Facebook page- Ohio State University Extension-Seneca County, the Seneca County 4-H app, your e-mail, and 4-H newsletters for details.

Skillathons

There is a clothing and textiles skillathon that is available for any youth to complete regardless of whether or not they are taking a clothing and textiles project. The skillathon will be available for members to complete at both the Wednesday and Saturday pre-fair judging days. There will be a different skillathon test for each age division. Age divisions are: Beginners age 8-10, Intermediate age 11-14, Advanced age 15-18. All ages are as of January 1st of the current year. The winners of the skillathon in each age division will be announced during the Style Review Tuesday evening of the Seneca County Fair. After winning in a specific age category, member can choose to compete in the next older age category, knowing that they would be competing against older members in that division.

Food and Fashion Board

There is a Food and Fashion Board in Seneca County. If you are a member that is 14 years old or older as of January 1 of the current year, you are eligible to join and be a part of the Seneca County Food and Fashion Board. Please contact the OSU Extension Office if you are interested in joining. This group will meet and act as ambassadors and advocates for the food and nutrition and clothing and textile projects. This group of older youth will also be responsible for planning and conducting the food and nutrition and clothing and textile project clinics and skillathons. They will be required to mentor at least one younger 4-H member who is taking a food and nutrition and/or clothing and textiles project. Board members will be responsible for helping with pre-fair judging and the Style Review.

Make it With Wool Contest

This contest is an annual youth-centered sewing competition to promote the beauty and versatility of wool fabrics, yarns, and fibers. It is sponsored by the American Wool Council, the American Sheep Industry, and American Sheep Industry Women. Make it With Wool encourages personal creativity in sewing, knitting, crocheting, spinning, weaving, and other needlework arts.

- There is a state and national competition.
 - The Ohio competition is held the beginning of November and entries are due by the beginning of October of the current year.
- Divisions are based on age as of January 1st the year contestant is entering the contest.
 - pre-teen (age 12 and under)
 - junior (age 13-16)
 - senior (age 17-24)
 - adult (age 25 and older)
- There is also a made for others, wearable accessory, and home décor category.
- ALL wool must be at least 60% or higher in wool content and must be sent in for testing along with the registration before the state contest.
- Please visit <https://www.ohiomiiww.org/> for entry information or the Ohio Make It With Wool Facebook page for more detailed information on the state competition.

Jane Barton Contest

This contest is designed to recognize 4-H clothing members who have sewed a complete wearable, construction outfit.

- The contest will be divided into age groups (age as of January 1st of the current year).
 - 8-10 years old
 - 11-12 years old
 - 13-15 years old
 - 16 and older
- A complete question application must be filled out by the 4-H member and given to the judge at judging.
- The contest will be judged at pre-fair clothing judging on Wednesday.
- Applicants must select one clothing project from the current year to wear in the contest. This outfit will need to be worn when judged.
- Applicants will be judged on skill, knowledge gained from the present clothing project, quality of clothing construction, fit and style.
- The awards will be presented at the Style Review Show, Tuesday evening during the fair.
- Recipients may receive this award only once as they enter in each age category.
- After winning in a specific age category, member can choose to compete in the next older age category, knowing that they would be competing against older members in that division.

Clothing Project Requirements

- All clothing projects will be judged at the 4-H Clothing Judging Day on Wednesday and members are required to participate in the 4-H Style Review on Tuesday night of the fair in order to be eligible to represent Seneca County at The Ohio State Fair.
- Members must bring their completed Style Review narration card to judging.
- At interview judging, members' knowledge, skill, and understanding related to the project are evaluated. Winners will be selected on the following criteria: 40% garment and construction, 40% knowledge/interview, and 20% completion of project book.
- Members must be familiar with and able to identify the seven clues to fashion: grooming, posture, poise, construction, fit, design, and personable qualities. These topics are covered in all sewing project books.
- Members must be dressed in the outfit they made or assembled according to the guidelines and information in their project book.
- Members must bring their pattern and a picture of themselves in the outfit made or constructed to judging.

Beginning Level Projects: For members with little or no clothing experience.

407- Accessories for Teens: Beginner and State Fair Eligible, Judging Day- Wednesday

This beginning level project is designed for teens with little sewing experience. Members will make at least one accessory (bag/purse, belt, cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery or suspenders) to achieve a complete appearance or add a finishing touch to an outfit. Youth will complete activities related to using accessories effectively and taking wardrobe inventory. Members can repeat this project for up to three years.

Judging Requirements: Members must complete general project guidelines outlined in the project book including completing at least one leadership/citizenship activity. Bring and model accessories made and outfit used to complete the total look. Bring completed project book, pattern(s) used, and a picture of member wearing accessories and outfit used to complete the total look. Members completing this project for additional times should create new accessories every year and be able to show new skills and knowledge learned. Members who repeat the project a second year should accessorize at least two outfits, and make at least one accessory for each outfit, for a minimum of at least two accessories made the second year. Members who repeat this project a third year should accessorize at least three outfits, and make at least one different accessory for each outfit, for a minimum of at least three accessories made.

Fair Exhibit: Accessories made.

409- Sew Fun: Beginner and State Fair Eligible, Jr. (8-10 years old) and Sr. (11 and up), Judging Day- Wednesday

This easy introductory project is designed for members of any age who want to learn basic sewing skills. Youth will make a fully elastic-waisted skirt, shorts, pants, or capris. Activities will allow youth to stitch by hand, use a sewing machine, choose a pattern and fabric, and make a pin cushion. Members can repeat this project for up to two years.

Judging Requirements: Members must complete general project guidelines outlined in the project book including completing at least two learning experiences and at least two leadership/citizenship activities. Bring and model garment made as a complete outfit. Bring completed project book, pin cushion made, pattern(s) used, and a picture of member in outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made.

410- Designed by Me: Beginner and State Fair Eligible, Judging Day- Wednesday

"First time" clothing project for members in grades 3-5. Members will learn about clothes, how to personalize items, how to attach an applique to a top, learn how to read labels, comparison shopping, how to assemble a complete outfit, how to sew on a button, learn about putting away clothes, and explore current fashions. Members will add at least two embellishment methods to a t-shirt, sweatshirt, button-down shirt or simple jacket to show off their style. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two leadership/citizenship activities in the book and complete at least two learning experiences. Bring and model garment made as a complete outfit. Bring completed project book and a picture of member in outfit constructed. Bring completed poster, portfolio or visual showing completed activities. Members completing this project for additional times should construct a completely new garment embellished with different embellishing methods every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) embellished and complete outfit.

413- Sundress and Jumpers: Beginner and State Fair Eligible, Judging Day- Wednesday

This project is a beginner project but designed for members who have covered the basics of sewing and want to learn more. Youth will plan and make a sundress or jumper (with or without a top) and choose accessories for a complete outfit. Pantsuits, jumpsuits, skorts and split skirt jumpers require fitting skills that are beyond this level and should **NOT** be made in this project. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership and citizenship activities. Bring and model garment(s) made as a complete outfit. Bring completed project book, pattern(s) used, and a picture of member in outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

419- Terrific Tops: Beginner and State Fair Eligible, Judging Day- Wednesday

Want a flattering top that fits your personality? In this project members will select a pattern and make a top (shirt, blouse, vest, tank top, poncho, sweater or t-shirt). Collect and organize sewing, knitting, crocheting or other needed equipment. Learn how to take your measurements accurately and add a few new sewing skills. Build an outfit around your new top and add accessories for a one-of-a-kind look! To complete the total look, members must select from their wardrobe or buy garments(s) and accessories to wear with the top. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and model garment(s) made as a complete outfit. Bring completed project book, pattern(s) used, and a picture of member in outfit constructed. Members completing this project for additional times should construct a completely new top and total look every year, **choose a different sewing technique**, and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

Intermediate Level Projects: For members with some 4-H clothing experience.

411- Em-bel-lish: A 4-H Guide to Wearable Art: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project offers numerous possibilities to embellish clothing: applique, batik, beading, dyeing, embroidery, and many other techniques. This is not a clothing construction book or a how-to book, this is a general project guide that involves exploring embellishment ideas, identifying clothing items, techniques, and putting together a complete outfit. Members will determine how to complete the project in their own fun way. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and model garment(s) embellished as a complete outfit. Bring completed project book, pattern(s) if used, and picture of member in garment(s) embellished. Bring completed *Talking it Over* pages and completed notebook with at least 3 samples of embellishment techniques you tried, including the technique you used on your garment. Members completing this project for additional times should create a new garment that is embellished every year and be able to show new skills and knowledge learned. When repeating this project, members must make samples of three different techniques each year, collect all the samples (from current and past years), and show them in a complete collection notebook. Repeating this project also requires members to use different embellishment technique(s) each year to complete their total look.

Fair Exhibit: Garment(s) embellished and complete outfit.

412- Sew for Others: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is for members of all ages with some experience in clothing construction. Members must construct one complete outfit for the person of their choice or adapt three different garments for a disabled or handicapped person. Include at least two new learning examples involving fitting, alterations, construction techniques, or fabric handling. Members will analyze coloring, figure, size, and preferences of the person they have selected. They will make comparisons of the outfit constructed to ready-to-wear outfits. Project may be repeated but a different category of "others" must be selected. There are five categories: 1) infants, toddlers, and children 2) pre-teens, teens, and adults 3) sewing for older adults 4) physically handicapped or disabled 5) special activities.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and have the person or "other" wear the garment(s) constructed. Bring completed project book, pattern(s) used, and a picture of person or "other" selected wearing the outfit constructed. If member is repeating this project for additional times, the member must construct a different garment with a different category of "other" and showcase new skills and knowledge learned.

Fair Exhibit: Garment(s) made or poster showing how you adapted three garments for a disabled or handicapped person.

415- Ready, Set, Sew Active!: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project is designed for members with some clothing project experience. Members will make at least one garment in an assembled outfit for active sportswear. Through this project, members will evaluate their buying habits, complete a plan for accessories, and evaluate their total look. Keep records of all expenses and then compare the total costs with a comparable ready-to-wear garment. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and model the garment made as a complete outfit. Bring completed project book, pattern(s) used, and a picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

424- Clothing for Middle School: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project is designed for members in 5th-9th grade. Member will make (a) at least one garment with sleeves or (b) a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, shirt, or other top with or without sleeves. Members will assemble a total outfit that features the garments made to wear to school. Members will check and improve personal grooming habits and posture, strive for a Total Look each school day, and do needed repairs. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one additional organized activity, one leadership/citizenship activity, and one career experience. Bring and model the garment made as a complete outfit. Bring completed project book, pattern(s) used, and a picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

430- Shopping Savvy: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This fun and informative project is for members with some clothing project experience. Members will take stock of their current wardrobe, compare different brands of the same clothing items, study current fashion trends, learn proper clothing care, and go shopping. There is no sewing or clothing construction required in this project. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and model a total look outfit assembled according to the information in the project book to convey the image you wish to project. Bring completed project book and picture of member wearing the outfit. Bring completed poster, portfolio or visual showing completed activities. Member will be judged on mastery of the project book rather than the outfit worn, unless the outfit was put together to complete an activity within the project. Members completing this project for additional times should create a completely new outfit every year and be able to show new skills and knowledge learned.

Fair Exhibit: Assembled outfit.

Advanced Level Projects: For members who have mastered basic clothing construction or consumer projects and who are ready for new challenges.

406- Clothing for High School and College: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for members in high school with some clothing experience. Members will construct an outfit with a minimum of two pieces, or a one-piece garment with sleeves, plus some other style detail not tried before. Members will take a wardrobe inventory and analyze personal color, texture, and lines when determining what they will make. Members will practice good grooming and repair clothing. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two additional organized activities and at least two leadership/citizenship activities. Bring and model complete outfit. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

408- Creative Costumes: Advanced and State Fair Eligible, Judging Day- Wednesday

Members will choose to make a costume in one of four categories: historical, ethnic/cultural, theatrical or special interest. Goals include understanding clothing and its significance and applying new knowledge to planning and making a costume. Along with knowing the seven clues to a Total Look, members will be evaluated on fit, construction, design, accessories, authenticity, background related to costume chosen and knowledge of costume's history. This project may be repeated but a different category of costumes must be selected.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one learning experience and at least one leadership/citizenship activity. Bring and model complete outfit. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members will be judged on mastery of the project book in addition to the costume constructed. If member is repeating this project for additional times, the member must construct a different garment and showcase new skills and knowledge learned. When repeating the project, a different category of "costumes" must be selected or study a different fashion period, culture, or other aspect to increase your understanding and appreciation of clothing and its importance to individuals and groups each year.

Fair Exhibit: Costume made.

417a- Dress-Up Outfit- Formalwear: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for members who have mastered basic clothing construction techniques and are ready for a new challenge. Members will make at least one dress-up garment to be worn as part of a total dress-up outfit. Before selecting what to make, members must analyze personal coloring, body build, image, and personality. Members must also visit stores and examine ready-made dress-up outfits. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one learning experience and at least one leadership/citizenship activity. Bring and model complete outfit. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

417b- Dress-Up Outfit- Daywear: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for members who have mastered basic clothing construction techniques and are ready for a new challenge. Members will make at least one daywear garment to be worn as part of a total daywear outfit. Before selecting what to make, members must analyze personal coloring, body build, image, and personality. Members must also visit stores and examine ready-made daywear outfits. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one leadership/citizenship activity. Bring and model complete outfit. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

418- Loungewear: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

In this project, youth will plan and make the outer layer of an outfit for lounging such as a cotton robe, a fleece shawl or a terry cloth cover-up. A nightgown or two-piece pajamas are also acceptable. Members can construct the project using simple or complex techniques. Members must keep in mind their sewing ability, lifestyle, and loungewear needs when

considering what type of loungewear to make. Make and select other garments and accessories (sleepwear and footwear) to complete the loungewear outfit. Wear the outer layer of your outfit you constructed for lounging (usually at home before bedtime). Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring garment made to judging and model the complete outfit. Bring completed project book, pattern(s) used, and picture of member in outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made.

420- Outerwear for Anywhere: Advanced and State Fair Eligible, Judging Day- Wednesday

Members who take this project will use their advanced skills to make a coat, jacket or other outer garment. Members will evaluate patterns and fabric to match their skill level and master new sewing skills. Members will learn about support fabrics for shaping under-collars, constructing collars and coat linings, and new tailoring methods. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring and model garment made. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made.

425- Look Great for Less: Advanced and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This advanced level project challenges members to use creativity and resourcefulness to pull together a Total Look outfit as inexpensively as possible. Members will compare different types of clothing stores, explore second hand shopping, learn when sales are most likely to occur, evaluate clothing quality, and then shop for an outfit. This project does not involve sewing or construction skills. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one learning experience and at least one leadership/citizenship activity. Bring and model the complete outfit and be able to explain the creativity and resourcefulness used in putting the outfit together. Bring completed project book and picture of member wearing the outfit. Bring completed poster, portfolio or visual showing completed activities. Members completing this project for additional times should create a completely new outfit every year and be able to show new skills and knowledge learned.

Fair Exhibit: Assembled outfit.

426- Clothing for Your Career: Advanced and State Fair Eligible, Judging Day- Wednesday

This advanced level project is for members of any age with sewing experience. Members will use the seven clues to a Total Look to make and evaluate an outfit to enhance potential job success. Members will make an outfit that has a minimum of two pieces, provides several new challenges, and fills a job or interview need. Learn about styles that look best on different body types, explore jobs that member is interested in, and learn about planning a wardrobe that projects a positive image. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one learning experience and at least one leadership/citizenship activity. Complete at least two alterations/recycling experiences and compare costs with an alteration or repair service. Bring and model garment made as a complete outfit. Bring completed project book, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made and complete outfit.

431M- Clothing Master: Design and Construction: Advanced and NOT State Fair Eligible, Judging Day- Wednesday

This project is designed for members who want to make clothing in a category different than what is offered in the 4-H clothing projects. These projects must require specialized or professional level skills beyond those typically used in other 4-H clothing projects. Members of any age may complete this project, but must have previous clothing construction experience and be able to plan and complete the project on their own with minimal assistance or supervision. Project is not offered through a book, but as worksheets offered online at ohio4h.org/publications or at the Extension Office. While completing the project, members must make a portfolio to help plan and complete the project. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the worksheets. Bring and model garment made as a complete outfit. Bring completed worksheets, portfolio, pattern(s) used, and picture of member wearing the outfit constructed. Members completing this project for additional times should construct a completely new garment every year that is different from what you can do within the guidelines of other 4-H clothing projects and should require specialized or professional level skills to complete and be able to show new skills and knowledge learned.

Fair Exhibit: Garment(s) made or assembled outfit.

432M- Sewing and Textiles (non-clothing) Master: Advanced and NOT State Fair Eligible, Judging Day- Wednesday

This project is designed for members who want to sew something other than clothing, namely home decor. These projects require specialized or professional level skills beyond those typically used in other advanced projects. Members of any age may complete this project, but must have considerable previous sewing experience and be able to plan and complete this project on their own with minimal assistance and supervision. Project is not offered through a book, but as worksheets offered online at ohio4h.org/publications or at the Extension Office. While completing the project, members must make a portfolio to help plan and complete the project. Members can repeat this project.

Judging Requirements: Members must complete general project guidelines outlined in the worksheets. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring items made. Bring completed worksheets, portfolio, pattern(s) used, and picture of item(s) made. Members completing this project for additional times should construct a completely new non clothing construction item every year and be able to show new skills and knowledge learned.

Fair Exhibit: Item(s) made.

COMPANION ANIMALS

Resource Books: Resource books are available for Pocket Pets and Cavy projects at the Extension Office for an additional cost. The Resource Handbooks are a one-time purchase that contains essential information for members and some topics include history, selection, handling, housing, nutrition, health, reproduction, grooming and showing.

215R- Cavy Resource Handbook- for members taking a cavy (also known as a guinea pig) project.....\$17.70

220R- Pocket Pets Resource Handbook- for members taking a pocket pet project (gerbils, hamsters, mice and rats)\$15.55

Judging Requirements for all Companion Animal Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a poster or educational display relating to project. Examples of displays: Poster, scrapbook, computer-generated slides, video, etc. You may use your computer or notebook for exhibit presentation. There is not a wireless Internet connection available; therefore, **make sure your presentation is downloaded to your computer and does not need Internet connectivity to open.**

Fair Exhibit for all Companion Animal Projects: Poster or educational display from judging.

****Additional judging requirements listed under each Companion Animal Project.**

173- Horseless Horse: Beginner Level: NOT State Fair Eligible, Judging Day- Saturday

Interested in learning about horses? Develop your interest of horses without owning one. This beginning level project is designed for any age 4-H member. Younger members must take this project under the guidance of an adult. Members must have access to a horse to complete this project. Members will have the opportunity to show a horse on Tuesday of the fair in showmanship.

216a- Purr-fect Pals Level 1: Beginner Level and State Fair Eligible, Judging Day- Saturday

This project is designed for members in grades 3-5. This project is for members who want to learn about cats, but do not yet have a cat. Members learn how to be a good cat owner. Members will learn about different breeds, behavior, grooming, feeding, and health. This project can be taken for three years.

216b- Purr-fect Pals Level 1: Beginner Level and State Fair Eligible, Jr. (8-10 years old), Int. (11-13 years old), Sr. (14 and up), Judging Day- Saturday

This project is designed for members in grades 3-5. Members learn how to be a good cat owner. Members will learn about different breeds, behavior, grooming, feeding, and health. This project can be taken for three years. Cats must be a minimum of 15 weeks old. Cats must be immunized against Feline Panleukopenia (FPL), Feline Viral Rhinotracheitis (FVR), and Feline Calicivirus (FCV), or vaccinated according to the veterinarian's vaccination protocol. All cats **MUST** be immunized against Rabies. (Note: Immunization against Feline Leukemia (FeLV) is strongly recommended for the protection of your cat, however, not required.) All vaccinations must be current as of judging day and given by a licensed veterinarian.

Judging Requirements: Youth must include visuals showing interaction with pet such as handling, feeding, grooming, cleaning habitat, etc. Bring your animal to judging. Bring certificates of vaccination. Members must bring adequate cage and accessories for the care and welfare of the animal. Cats must wear a harness, as well as an attached leash, during activities out of their cages.

217- Climbing Up! Level 2: Intermediate Level and State Fair Eligible, Jr. (8-12 years old) and Sr. (13 and up), Judging Day- Saturday

Project is designed for members in grades 6-8 or those members who completed Purr-fect Pals. Members must own and care for one or more cats. Member will learn more about cat identification and characteristics, training, health, nutrition, and being a responsible cat owner. This project can be taken for three years. Cats must be a minimum of 15 weeks old. Cats must be immunized against Feline Panleukopenia (FPL), Feline Viral Rhinotracheitis (FVR), and Feline Calicivirus (FCV), or vaccinated according to the veterinarian's vaccination protocol. All cats **MUST** be immunized against Rabies. (Note: Immunization against Feline Leukemia (FeLV) is strongly recommended for the protection of your cat, however, not required.) All vaccinations must be current as of judging day and given by a licensed veterinarian.

Judging Requirements: Youth must include visuals showing interaction with pet such as handling, feeding, grooming, cleaning habitat, etc. Bring your animal to judging. Bring certificates of vaccination. Members must bring adequate cage and accessories for the care and welfare of the animal. Cats must wear a harness, as well as an attached leash, during activities out of their cages.

218- Leaping Forward Level 3: Advanced Level and State Fair Eligible, Judging Day- Saturday

Project is designed for members in grades 9-12 or members who completed Purr-fect Pals and Climbing Up! Members will explore topics already discussed in Cat 1 and Cat 2 and new topics in genetics and aging cats. Project may be taken for three years. Cats must be a minimum of 15 weeks old. Cats must be immunized against Feline Panleukopenia (FPL), Feline Viral Rhinotracheitis (FVR), and Feline Calicivirus (FCV), or vaccinated according to the veterinarian's vaccination protocol. All cats MUST be immunized against Rabies. (Note: Immunization against Feline Leukemia (FeLV) is strongly recommended for the protection of your cat, however, not required.) All vaccinations must be current as of judging day and given by a licensed veterinarian.

Judging Requirements: Youth must include visuals showing interaction with pet such as handling, feeding, grooming, cleaning habitat, etc. Bring animal to judging. Bring certificates of vaccination. Members must bring adequate cage and accessories for the care and welfare of the animal. Cats must wear a harness, as well as an attached leash, during activities out of their cages.

215- Cavy (Guinea Pig) Project and Record Book: All Levels and State Fair Eligible, Jr. (8-12 years old) and Sr. (13 and up), Judging Day- Saturday

Members learn general care, housing and equipment, records, nutrition, health, and reproduction of guinea pigs. Project can be completed in one year or can be repeated each year you have a Cavy project as long as new knowledge and skills are gained and in addition to what is required every year, a new topic of interest and new learning activities and experiences are completed for your age level.

Judging Requirements: Youth must include visuals showing interaction with pet such as handling, feeding, grooming, cleaning habitat, etc. Bring animal to judging. Guinea pigs must be a minimum of 12 weeks old. Members must bring adequate cage and accessories for the care and welfare of the animal. The animal must remain in the cage before and after judging.

220- Pocket Pets Project and Record Book: All Levels and State Fair Eligible, Jr. (8-12 years old) and Sr. (13 and up), Judging Day- Saturday

Project is designed for multi-year use, but a new project book is required every year a pocket pet project is taken. This project gives members an opportunity to learn about and care for gerbils, hamsters, mice, and rats. Project can be completed in one year or can be repeated each year you have a pocket pet as long as new knowledge and skills are gained and in addition to what is required every year, a new topic of interest and new learning activities and experiences are completed for your age level.

Judging Requirements: Youth must include visuals showing interaction with pet such as handling, feeding, grooming, cleaning habitat, etc. Bring animal to judging. Pocket pets must be at least 12 weeks old. Members must bring adequate cage and accessories for the care and welfare of the animal. The animal must remain in the cage before and after judging.

CREATIVE ARTS

496- My Favorite Things: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Are you interested in starting a personal collection? Do you like collecting things and want to take your collection to the next level? This project allows members to learn about different types of collections, the ins and outs of the process, and how to best display your collection. Project can be repeated as long as new knowledge and skills are gained and a new collection is developed each time.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book. Members

must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Members must also bring one project or collection created from the book to show how well they can apply the skills taught in their project area. **Bring a picture of the project or collection to leave with the judge.**

Fair Exhibit: Poster, educational display, or personal collection.

497a- Scrapbooking: A 4-H Guide to Preserving Memories: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is designed for members with little or no experience in scrapbooking. Members will learn basic techniques and tricks to use while creating a scrapbook. Project can be repeated by completing additional activities and new scrapbooks each year.

Judging Requirements: Members must complete general project guidelines and activities outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book and scrapbook. Members must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Members must also bring supplies to demonstrate and show how well you can apply the skills taught in your project area.

Fair Exhibit: Scrapbook from judging.

497b- Scrapbooking- 2nd year or more: A 4-H Guide to Preserving Memories: Intermediate Level and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is designed for members who have some prior experience scrapbooking and have taken this project already for one year. Members will learn basic techniques and tricks to use while creating a scrapbook. Project can be repeated as long as new knowledge and skills are gained and additional activities are completed including the Scrapper Challenges. A new scrapbook must be completed each year.

Judging Requirements: Members must complete general project guidelines and activities outlined in the project book. Bring completed project book and scrapbook. Members must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Members must also bring supplies to demonstrate and show how well you can apply the skills taught in your project area. Members taking this project must complete a new project book and bring previous project books and scrapbooks with them to judging. Every year completing this project, there should be a completely different scrapbook that shows your increased knowledge and skills.

Fair Exhibit: Scrapbook from judging.

593- Seeing Through Graphic Design: Intermediate and State Fair Eligible, Judging Day- Wednesday

Learn more about visual communication with this hands-on approach to graphic design. Activities cover color, typography, design basics, symbolism, and branding. This is a one year project and can not be repeated.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Members must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Members must also bring a portfolio to showcase what you learned and how well you can apply the skills taught in your project area.

Fair Exhibit: Poster, educational display, or portfolio made for judging.

365.02 Self-Determined-Paper-Crafting: All Levels and State Fair Eligible, Judging Day- Wednesday

(includes origami, card-making, any other paper crafting not scrapbooking)

Self-determined projects do not have a project book; rather members must complete the “Self-Determined Project Guide” which is available online at ohio4h.org/self-determined or pick up a copy at the Extension Office.

There are countless creations you can construct from paper. Explore the various forms of paper crafting including cards, quilling, decoupage, paper mache, origami, paper cutting, paper embroidery, paper flowers and book folding. This art form can be used in educational and therapeutic environments as well as for entertainment. Use this idea starter AND publication 4-H 365 *Self-Determined Project Guide* as the starting place for your 4-H self-determined project. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed, new knowledge and skills are gained and a new work of art is created.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project outline, list of objectives they want to learn, an outline of their work, and a final report on project and what they did. Members should also bring a tabletop exhibit (e.g. poster, educational display, scrapbook, etc.) illustrating highlights of their project experience and accomplishments as well as examples of paper crafts made through the project (limit to what participant can carry by themselves into the judging area). Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Tabletop exhibit or paper crafts from judging.

492- Cake Decorating Project and Record Book: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Members will track their learning as they gain new skills and showcase their cake decorating talent. This project can be repeated as long as new learning takes place and new skills are gained. Project can be repeated as long as new knowledge and skills are gained and additional activities are completed. A new cake must be completed each year. A new project and record book will be needed each year.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book. Member must bring one decorated cake or cupcake that demonstrate new skills learned. Examples: borders, flower arrangements, or an inscription of your choice such as “Happy Birthday”, “Congratulations”, etc. Skills used on cakes should only be those in the current and previous checklist that the participant is completing. Members may decorate an actual cake, cupcake, or may use a Styrofoam base for the cake decorated. Cakes may not exceed four tiers. Cakes must be carried into the judging area by the 4-H member. Members must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Bring a picture of the cake decorated to leave with the judge.

Fair Exhibit: Poster, Educational Display, or framed 8x10 photo of the cake or cupcake that you made for judging. No actual food must be displayed.

Resource Book: A resource book is available for Cake projects at the Extension Office for an additional cost. The Resource Handbooks are a one-time purchase that contains essential information for members and covers everything from baking the cake to decorating with special effects.

492R- Cake Resource Handbook- for members taking a cake project.....\$10.73

592- Get Started in Art: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Explore the basic elements of visual art through activities on color, line, space, balance, and more, and then complete your own work of art. Possibilities include: ceramics, drawing, painting, sculptures, print making, design, and crafts. This project is appropriate for all age levels and skill levels. Project may be repeated as long as new knowledge and skills are gained and new works of art are created every year.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book. Members must bring a display, which represents their learning experience. If the display is something other than a poster, it must be limited in size to fit on a 3ft. x 3ft. space that the participant can handle/maneuver on his or her own. Members must also bring one project or piece of art created from the book to show how well you can apply the skills taught in your project area. If member is repeating this project, a new project book and new project or piece of art must be created. Bring all new and previous project books and pieces of art created to judging. **Bring a picture of the project or piece of art created to leave with the judge.**

Fair Exhibit: Poster, educational display, project or piece of art made for judging.

DISCOVERING 4-H

Judging Requirements for all Discovering 4-H Projects: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book. Also, bring poster or educational display relating to project. The goal is to let the judge know what you learned from the project. Member may bring one photo album (max size 12" x 18" x 5") **or** one portfolio/box (max size 24" x 24" x 24"). In addition, member may bring one poster (max size 24" x 36"). The poster may be a standard sized science fair, tri-fold poster (max size 24" x 36" when folded). Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit for all Discovering 4-H Projects: Poster, educational display, photo album, portfolio/box or tri-fold display board from judging.

91- Discovering 4-H: Beginner: NOT State Fair Eligible, Judging Day- Wednesday

Are you looking for a little taste of everything 4-H has to offer? This beginner level project is ideal for first year members. This easy to read and use project book gives members an introduction to animals, health, food and nutrition, nature, insects, plants and soil, machines and tools, recreation, and clothing. This is a one year project and can not be repeated.

92- 4-H Around the Globe: Intermediate and State Fair Eligible, Judging Day- Wednesday

Are you curious about other countries? Members will take a look at 4-H through an international lens, with close-ups of Ghana, Kosovo, Nicaragua and South Korea. Key factors make each country's 4-H program different, and dedication to 4-H makes us all the same. This is a one year project and can not be repeated.

ENGINEERING

Welding

573- Arcs and Sparks- Shielded Metal Arc Welding: Intermediate and State Fair Eligible, Judging Day- Saturday

This project is for members who want to build, modify, or repair steel-based projects. Members will learn about safety, selection of equipment and materials, and fabricating techniques with shielded metal arc welding, commonly referred to as stick welding. Basic welding abilities are developed while constructing several useful projects. Please note this is not a wire welding project. Project can be taken for up to two years. When repeating the project, members should complete one additional activity in Interest Areas 1 through 3 and build two additional weldments/items.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two organized project activities and at least two leadership/citizenship activities. Bring completed project book. Bring at least two weldments/items from instructions in book or item from similar plans and skill levels as outlined in the project book. If item is painted use flat black paint only. Members will also need to bring a small sample piece of metal showing a normal bead, butt, fillet and lap welds. Members will also need to bring a small sample of a 3" double square groove weld and a 3" double fillet weld. **Do not paint your sample welds for judging.** Members will also need to bring an additional weld of their own design that will be no bigger than 6x6x3 feet (for welding) or bigger weld designs must be no larger than 8x8x20 feet (for bigger weldment).

Fair Exhibit: Weldments/items from judging.

Electricity

Judging Requirements for all Electricity Projects: Members must complete general project guidelines outlined in the project book. Complete at least two leadership/citizenship activities. Bring completed project book. Bring a poster or educational display relating to project. Displays must be less than 48" wide, 24" deep, and 36" tall of a completed activity from the project book to demonstrate for the judge. Participants must be able to discuss the following details of their project: title, areas of interest, what you did in an area of interest, what you learned, and what would you do in the future with this project. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit for all Electricity Projects: Poster or educational display from judging.

531- Science Fun with Electricity: Beginner and State Fair Eligible, Judging Day- Saturday

This beginner level electricity book includes eleven kid-friendly and time-tested experiments about static electricity, currents, electromagnetism, electric motors, and electric light. Each experiment will provide an introduction, supply list, and step-by-step instructions that bring an electrical concept to life. Additional supplies are required. This is a one year project and can not be repeated.

527- Magic of Electricity, Level 1: Beginner and State Fair Eligible, Judging Day- Saturday

Look around and explore the world of electrical energy. Youth explore why certain things insulate from electricity better than others and the effect that magnetism has on various substances. Youth learn how to build a flashlight, a compass, an electromagnet and an electric motor. Project can be completed in two years. A total of seven activities must be completed each year.

528- Investigating Electricity, Level 2: Intermediate and State Fair Eligible, Judging Day- Saturday

In this intermediate project, youth will build circuits and test voltages, and build a rocket launcher and a burglar alarm as they practice decision-making and communication. Youth must have an understanding of magnetism, electron flow, and circuit design. Project can be completed in two years. A total of seven activities must be completed each year.

Rope

540- Not Just Knots: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

In this project, youth will learn to make fourteen different simple knots, bends and hitches. They will show off what they learned with a capstone project of their choice. Directions for capstone projects are available at ohio4h.org/knots. Project can be repeated as long as a new capstone project is completed that demonstrates new knowledge and skills.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed project book. Bring an exhibit of 10 knots, labeled on a board and be prepared to demonstrate your ability to tie specific knots. Displays must be less than 48" wide, 24" deep, and 36" tall of a completed activity from the project book to demonstrate for the judge. Participants

must be able to discuss the following details of their project: title, areas of interest, what you did in an area of interest, what you learned, and what would you do in the future with this project. If member is taking this project for second year or more, the member must choose a new final or capstone project to demonstrate new tying skills and increased knowledge. Bring extra string, as you may be asked to demonstrate your ability to tie specific knots.

Fair Exhibit: Knot display board from judging.

Small Engines

Judging Requirements for all Small Engines Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a poster or educational display relating to project. Displays must be less than 48" wide, 24" deep, and 36" tall of a completed activity from the project book to demonstrate for the judge. Participants must be able to discuss the following details of their project: title, areas of interest, what you did in an area of interest, what you learned, and what would you do in the future with this project. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. Bring a poster or educational display relating to project. If member is repeating the project, the member must complete a new project book and create a new poster or educational display to showcase new knowledge and skills gained. All new and previous project books and posters or educational displays should be brought to judging.

Fair Exhibit for all Small Engines Projects: Poster or educational display from judging.

541- Crank It Up, Level 1: Beginner and State Fair Eligible, Judging Day- Saturday

In this project, youth will focus on small engine knowledge, study external engine parts, discover tools of the trade and learn the concepts behind what makes small engines work. Youth explore the uses of small engines and safety issues. Project can be taken for three years. A total of seven activities must be completed each year.

542- Warm It Up, Level 2: Intermediate and State Fair Eligible, Judging Day- Saturday

The second book in this series will have youth exploring internal parts of engines, learning about engine sizes, compression ratios, seasoning their engines and safety issues. Youth will also learn about occupational possibilities and about starting their own business. Project can be taken for three years. A total of seven activities must be completed each year.

543- Tune It Up, Level 3: Advanced and State Fair Eligible, Judging Day- Saturday

The final book in the series will have youth tear down and rebuild an engine, use diagnostic tools, research rules and regulations about using small engine machines and select replacement engines. Project can be taken for three years. A total of seven activities must be completed each year.

544- Ready, Set,...Mow!: Advanced and State Fair Eligible, Judging Day- Saturday

Members will learn the ins and outs of operating a lawn mower, whether your style is push, riding, or zero-turn. Safety is first and includes everything from knowing a mowers parts to dressing for success. This project is also equipped with tips for mowing and maintenance for this practical life skill. Project can be repeated if a different type of mower (push, riding, or zero-turn) is the focus each year. If you repeat this project, complete a new project book with different learning experiences and difference leadership/citizenship activities and a new practice record.

Tractor and Machinery Operation

Judging Requirements for all Tractor and Machinery Operation Projects: Members must complete general project guidelines outlined in project book. Bring completed project book. Bring a poster or educational display relating to project.

Fair Exhibit: Poster or educational display from judging.

551- Starting Up: Getting to Know Your Tractor, Level A: Beginner, NOT State Fair Eligible, Judging Day- Saturday

The first book in this series is designed for youth with little or no prior agricultural tractor or equipment experience. Youth will learn parts of a tractor, tractor maintenance, different fuels, engine cooling systems, safety with augers and much more. This is a one year project and can not be repeated.

552- Tractor Operations: Gearing Up for Safety, Level B: Intermediate, NOT State Fair Eligible, Judging Day- Saturday

The second book in the series is designed for youth with some agricultural tractor and equipment experience. The book will cover farm and tractor safety, tractor maintenance, mechanics of the engine, accessory equipment and functions of different operational systems. This is a one year project and can not be repeated.

553- Moving Out: Learning About Your Tractor and Farm Machinery, Level C: Intermediate, NOT State Fair Eligible, Judging Day- Saturday

This project is designed for members with some agricultural tractor and equipment experience. The book teaches safety, maintenance, different types of oil systems, fuel safety and PTOs. This is a one year project and can not be repeated.

554- Learning More: Learning About Agricultural Tractors and Equipment, Level D: Advanced, NOT State Fair Eligible, Judging Day- Saturday

The final book in the series, contains more opportunities to learn about mechanics, operational systems, safety, maintenance and farm equipment. This is a one year project and can not be repeated.

FAMILY LIFE

442- Family History Treasure Hunt- Genealogy: All Levels and State Fair Eligible, Judging Day- Wednesday

Members will learn the steps involved in tracing a family tree. Members will discover their family history as they go on a treasure hunt for jewels of information such as interesting relatives, special events and curious stories of days gone by. Members will prepare a portfolio or scrapbook that includes pictures, writings, documents and records found during their journey. Project may be repeated up to six years.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Complete at least one learning experience and at least one leadership/citizenship activity. Bring a poster or educational display relating to the project. Members must complete a research journal and portfolio of family history they discovered. Members must bring their correspondence log, research log, research plan, pedigree charts (8 ½ "x 11"), family group sheets with documentation (notations for sources) and Treasure Hunter's Kit. See pages of your project book for expectations. If a member takes this project for multiple years, you must complete the projects in your project book to comply with the number of years you have taken this project. The member should also bring more history and provide a deeper portfolio or research journal for each year completing the project.

Fair Exhibit: Poster, educational display or portfolio from judging.

365.03-Self-Determined-Babysitting: All Levels and State Fair Eligible, Judging Day- Wednesday

If you think you might want to be an elementary school teacher, if you love working with children, and if you are looking for a flexible part-time job, babysitting may be right for you. This 4-H idea starter helps members explore what they need to know to be a great babysitter and how the business of babysitting can work for you. Self-determined projects do not have a project book; rather members must complete the "Self-Determined Project Guide" which is available online at ohio4h.org/self-determined or pick up a copy at the Extension office. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed and new knowledge and skills are gained.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Complete at least two learning experiences and at least two leadership/citizenship activities. Bring completed

project outline, list of objectives they want to learn, an outline of their work and a final report on project and what they did. Also, bring poster or educational display relating to project. The goal is to let the judge know what you learned from the project. Member may bring one photo album (max size 12" x 18" x 5") **or** one portfolio/box (max size 24" x 24" x 24"). In addition, member may bring one poster (max size 24" x 36"). The poster may be a standard sized science fair, tri-fold poster (max size 24" x 36" when folded). Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Poster, educational display, photo album, portfolio/box or tri-fold display board from judging.

FOOD AND NUTRITION

Clinics

There will be a food and nutrition project clinic for anyone taking a food project or for any member that might want to learn more and pursue a food and nutrition project in the future. Please consider attending our clinics as they are different every year and we touch on topics of creating a menu, MyPlate, place settings, reading a nutrition label, measuring dry versus liquid ingredients, making a recipe, and so much more! Check our website at www.Seneca.osu.edu, our Facebook page- Ohio State University Extension- Seneca County, the Seneca County 4-H app, your e-mail and 4-H newsletters for details.

Skillathons

There is a food and nutrition skillathon that is available for any youth to complete regardless of whether or not they are taking a food and nutrition project. The skillathon will be available for members to complete at both the Wednesday and Saturday pre-fair judging days. There will be a different skillathon test for each age division. Age divisions are: Beginners age 8-10, Intermediate age 11-14, Advanced age 15-18. All ages are as of January 1st of the current year. The winners of the skillathon in each age division will be announced during the Style Review Tuesday evening of the Seneca County Fair.

Food and Fashion Board

There is a Food and Fashion Board in Seneca County. If you are a member that is 14 years old or older as of January 1 of the current year, you are eligible to join and be a part of the Seneca County Food and Fashion Board. Please contact the OSU Extension office if you are interested in joining. This group will meet and act as ambassadors and advocates for the food and nutrition and clothing and textile projects. This group of older youth will also be responsible for planning and conducting the food and nutrition and clothing and textile project clinics and skillathons. They will be required to mentor at least one younger 4-H member who is taking a food and nutrition and/or clothing and textiles project. Board members will be responsible for helping with pre-fair judging.

Writing Menus

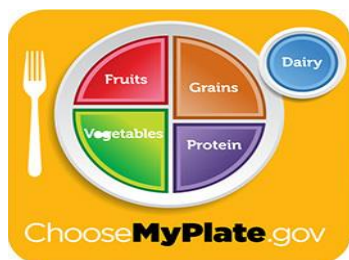
Menus may be very simple, as for a snack or one or two items. Or they may include many food items, as for a large family meal. The same rules apply for writing any menu.

1. Capitalize all words except “and,” “with,” etc.
2. Begin menu with the food items served first.
3. The beverage(s) appears as the last item, except for breakfast juices and juice served as an appetizer, which are listed first.
4. Words must be used to describe the kind of food or how it is prepared. For example: Lettuce Wedge with Ranch Dressing, not Lettuce Salad. Hot-spiced Cider, not Cider. Diced Parsley Potatoes, not Potatoes.
5. When items on a menu are served/eaten together, write one of these ways: Broiled Hot Dogs on Bun. Pickle Relish, OR Cheddar Cheese Balls, OR Whole Wheat Crackers.
6. Write an entire day’s menu so it is centered. A day’s menu includes: Breakfast, Lunch, Snack (optional), Dinner

Example for Breakfast:

Chilled Orange Juice
Scrambled Eggs with Ham Bits
Banana Nut Muffins
Strawberry Jam

All Ohio 4-H food and nutrition projects use MyPlate, which incorporates current USDA recommendations about eating and exercising. Depending on a project book’s publication date, it may refer instead to the older MyPyramid or Food Guide Pyramid. Members must still know the MyPlate recommendations. For information about MyPlate, go to www.choosemyplate.gov



Participants in foods will be required to have a portfolio highlighting their experience with reports and photos for each activity. The portfolio can be a paper/plastic folder with center binder tabs or a three ring binder but no 12x12 scrapbooks. Ideas may include: pictures with captions, illustrations, a timeline, journaling, collages, graphs with captions, etc. that help describe what members did with their project. Each page must represent one “activity area” or “interest area,” as designated in the front of their project books, and be one sided only. Portfolios are judged based on the verbal presentation, organization of the material in the portfolio, inclusion of their efforts in required “activity or interest area” pages, and communication with the judge describing their portfolio.

Members must bring at least one prepared food item from the project book to judging. Members must also bring items for a table setting and a day’s menu.

Members are encouraged to try all recipes in their project book and are responsible for the information in their book. If a recipe needs to be altered for dietary needs, it is encouraged to make a substitution similar to the ingredient listed in the project book.

Planning Meals and Menus

The keys to combining foods into well-planned meals are balance and variety. Usually, menus are built around the main dish or protein food.

Plan meals for good nutrition: Try to include at least one serving from each of the four basic food groups. A nutritious snack would include one or more of the food groups. A day's food plan will include both meals and snacks and must have the total serving needed from the four basic food groups.

Contrast Temperatures: Most meals will provide at least one hot and one cold food, such as hot chicken and cold apple salad.

Plan Flavor Differences: Mild with spicy, and tart with sweet.

Choose Foods with a Variety of Color: Brown baked beans, green cole slaw, yellow corn bread and white milk.

Try not to repeat the same shapes and forms of food at the same meal: Fish: square, potatoes: diced, gelatin: cubed.

Contrast Textures: Juicy orange wedges, crispy chewy toast and smooth cocoa.

Figure the kinds and amounts of food according to persons and occasion for which the meal or snack is planned. In addition, consider foods that are in season. Also make sure the foods can be prepared within the available time and with the equipment on hand.



Table Setting

Table Setting Guidelines: A complete table setting for one person is called a **Cover**. This includes the flatware, glassware, dinnerware and linens.

Flatware: knives, forks and spoons

Glassware: beverage glasses

Dinnerware: plates, bowls and cups

Linens: napkins and placemats

The cover is 1 inch from the edge of the table.

Napkin edges face the plate.

Forks and napkins are to the left of the plate.

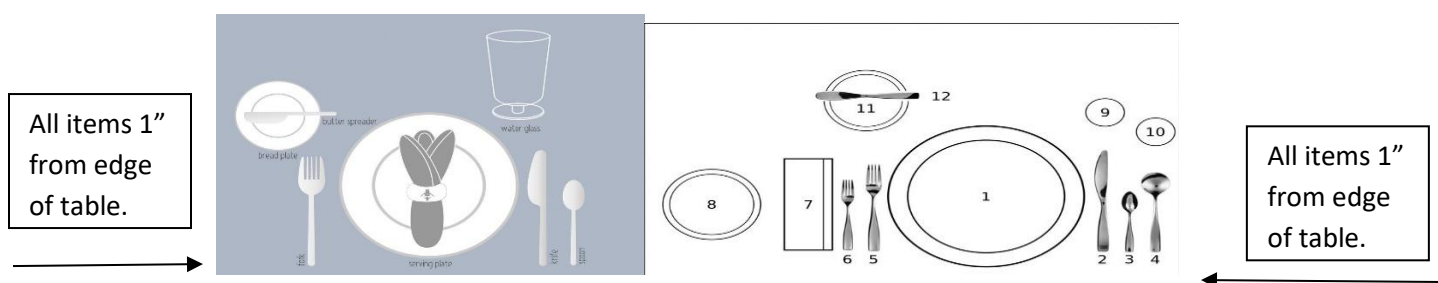
Knife edges face the plate.

Coffee cup and saucer would be placed on the right side of the table setting with the handle between 3-5 o'clock.

Glasses are above the knife.

Knives and spoons are on the right of the plate.

If desired, napkins may be placed in the center of the plate.



This is Casual Cover that all members need to know.

This is Formal Cover that only members taking advanced projects need to know.

- 1- Dinner Plate
- 2- Dinner Knife
- 3- Dinner Spoon
- 4- Soup Spoon
- 5- Dinner Fork
- 6- Salad Fork
- 7- Napkin
- 8- Salad Plate
- 9- Water
- 10- Milk/Beverage
- 11- Bread Plate
- 12- Butter Knife

Judging Requirements for all Food and Nutrition Projects: Members must complete general project guidelines outlined in the project book. **Bring completed project book and portfolio with activities from your project book. The portfolio must represent one page per activity or interest area from project book and be one sided only (8 ½" x 11" pages).** Ideas for these pages include journaling, a timeline, graphs with illustrations, photos taken during the project, or any other format that would illustrate the work and knowledge of the member. **Bring at least one prepared food item from the project book, table setting, and a day's menu. The day's menu must include the prepared food item brought to judging. Be prepared for table setting and MyPlate activities.**

Fair Exhibit for all Food and Nutrition Projects: Portfolio from judging.

Beginning Level Projects: For members of any age with little or no experience in food preparation and nutrition.

484- Snack Attack!: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

In this project, 4-H members will learn how to select and prepare healthy snacks. This project includes seven activities and related projects. Members will learn how healthy snack choices fit into the MyPlate, an important guide to making healthful food choices and being physically active. This is a one year project and can not be repeated.

459- Let's Start Cooking: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is ideal for members wanting to start off with a cooking project. It takes a fresh look at basic cooking and baking skills. Youth will learn about kitchen equipment and food prep, and how to read recipes and measure ingredients. Youth will tackle how to slice and dice food, and how to cook in a microwave oven, on the stove, and in a conventional oven, all while keeping safety in mind. This is a one year project and can not be repeated.

487- Take a Break for Breakfast: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project focuses on the most important meal of the day: breakfast! Menu planning, food safety, and nutrition topics are included. Starting each day with a nutritious breakfast is important, and now it's fun too. See how you can combine foods from different food groups for fun and delicious ways to start the day. Intended for members who have completed at least one other beginning-level food and nutrition project. This is a one year project and can not be repeated.

481- Everyday Food and Fitness: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Learn how to prepare healthy and hearty snacks and discover how powerful healthy food can be for your body and mind. Fun and easy recipes help build your skills in the kitchen. See how well your current diet fits into the MyPlate food groups. Find out what makes grains great, and why vitamins and nutrients are so beneficial. This project shows members how to add exercise to a healthy diet and find the path to a better quality of life. This is a one year project and can not be repeated.

Intermediate Level Projects: For members of any age with some experience in food preparation and nutrition.

461- Let's Bake Quick Breads: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Members will learn how and why quick breads are so tasty while exploring updated activities in this book. See what makes a wheat kernel tick and learn how the quick bread ingredients react with one another. Members will also explore careers in the kitchen and how to alter recipes for more healthful benefits. Also includes gluten-free options. This is a one year project and can not be repeated.

485- Racing the Clock to Awesome Meals: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Want to learn how to prepare quick, nutritious, low-cost meals? This one year project focuses on the knowledge and skills needed to tackle difficult recipes while being creative with ingredients and using members' basic food preparation skills. Project can be taken for two years as long as the More Challenges Activities are completed in the second year.

472- Grill Master: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project focuses on the safe use of a grill while preparing delicious meals. Members will learn about appropriate portion sizes, cooking meat to safe temperatures, and using gas and charcoal accessories, all while learning to prepare a complete meal. Since members will be using a grill this project is recommended for youth ages 11 and above. This is a one year project and can not be repeated.

475- Star Spangled Foods: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Discover the customs and traditions that influence some favorite regional American foods and the way we like them by experimenting with keeping and serving food at its best. This is a one year project and can not be repeated.

463- Sports Nutrition: Ready, Set, Go: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Eating well and exercising daily are two keys to a healthy life. Members will build on being the best athlete they can be with this intermediate level project. Members will learn how to balance the calories they eat with the calories they burn, increase their fitness levels, and identify nutrient-rich foods. Members will also learn why to hydrate and select the best beverage when exercising, how carbs, protein, and fats work to support their body and mind, and gauge how and when to fuel their bodies for physical activity. This is a one year project and can not be repeated.

477- Party Planner: A 4-H Guide to Quantity Cooking: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Members will learn about planning, budgeting, and safely preparing food for large groups. The project gives suggestions for healthy substitutions and includes a number of party tips and hints for a successful party. This is a one year project and can not be repeated.

Advanced Level Projects: For members with substantial experience in food preparation and nutrition.

462- Yeast Breads on the Rise: Advanced and State Fair Eligible, Judging Day- Wednesday

Master the art of baking delicious yeast breads. Learn the principles of yeast bread preparation, and learn how mixing techniques and ingredients determines product character and quality. Project can be taken for two years. The recipes suggested for the second year require more skill and knowledge in shaping and preparing the breads.

467- Cooking on My Own: Advanced and State Fair Eligible, Judging Day- Wednesday

Are you ready to step up and prepare meals for yourself and maybe even for your family? This project is a great start on everyday recipes for meals and snacks. Members will become confident and independent in the kitchen by expanding their cooking skills. Project can be completed in one year or can be repeated as long as different menus are planned under each meal area to gain additional knowledge and skills.

469- Global Gourmet: Advanced and State Fair Eligible, Judging Day- Wednesday

Members will create rich and delicious meals from Mexico, Africa, Japan, India, Italy, Greece, and Germany as they explore food history, customs, and nutrition to better understand our world. This is a one year project and can not be repeated.

476- Kitchen Boss: Advanced and State Fair Eligible, Judging Day- Wednesday

All your experience comes together in this project created for those exploring cooking as a profession or simply developing their kitchen skills. Plan, prepare and present delicious food like the culinary boss you want to be. Focus is on cooking methods, becoming familiar with tools and equipment and experimenting with ingredients and flavors. Members taking this project must have completed projects at the beginning and intermediate levels. This is a one year project and can not be repeated.

474- Beyond the Grill: Advanced and State Fair Eligible, Judging Day- Wednesday

This project will get members to explore a variety of outdoor cooking methods like pie irons, solar cookers, rotisserie, and the grill while finding easy ways to follow MyPlate guidelines. Youth will be ready to throw a cookout to show off their new skills! Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and the optional activities and More Challenges are completed.

COUNTY PROJECT

004- Cookie Project, Jr. (8-13 years old) and Sr. (14 and up): NOT State Fair Eligible, Judging Day- Wednesday

Members will learn different types of cookies including bar, rolled, drop, molded, refrigerator, pressed, sandwich and no bake cookies. In addition, members will learn about kitchen equipment, food prep, and how to read recipes and measure ingredients. This project is to be completed in one year for each age division.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book, a poster or educational display relating to project. The cookie project is part of the food and nutrition project and must follow all food and nutrition guidelines including a portfolio, table setting, day's menu and prepared cookies.

Jr. 8-13 - Bring to judging three cookies from two different types of cookies you baked, all on one plate.

Sr. 14 and up - Bring to judging three cookies from four different types of cookies you baked, all on one plate.

Fair Exhibit: Poster or educational display to exhibit in club booth or county booth.

HEALTH

Judging Requirements for all Health Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Complete at least two learning experiences and two leadership/citizenship activities. Bring a display representing your learning experience of the current project. Your display must fit into a 3-foot area or 3 feet of table space. The display does not need to be a tri-fold display board.

Fair Exhibit for all Health Projects: **Display from judging.**

****Additional judging requirements listed under some of the health projects.**

351- Staying Healthy: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project focuses on good hygiene, healthy eating, and being fit. Members will use fun learning activities to keep fit, increase brain power, and express themselves in positive ways. Project can be completed in one year or can be repeated for a second year. If repeating for a second year, then the More Challenges should be completed as well as new Organized Project Activities and new Citizenship/Leadership Activities.

353- First Aid in Action: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is designed for members in 3rd- 5th grade. Members will learn basic skills needed during an emergency: first aid, CPR, bandaging, and other first aid practices. Members will create a first aid kit for themselves and their family. Project can be completed in one year or can be repeated for a second year. If repeating for a second year, then the More Challenges should be completed as well as new Organized Project Activities and new Citizenship/Leadership Activities.

Judging Requirements: Members must also bring the family first aid kit developed during the project.

Fair Exhibit: Display from judging and first aid kit from project and judging.

354- Medicine Science and Safety: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project will help members make decisions about medicine and help them stay safe around them. Follow the core messages in this project book and become a good example for others. Members will also learn about careers in pharmacy. This is a one-year project and cannot be repeated.

434- Superhero You: Beginner and State Fair Eligible, Judging Day- Wednesday

Who are you? What makes you unique? Find your superpowers and those of your family and friends. Discover your super future by exploring how to put your super skills to work. Have fun and learn about your self-identity. This is a one-year project and cannot be repeated.

360- Your Feelings Matter: Beginner and State Fair Eligible, Judging Day- Wednesday

Feelings can be confusing. This project lets members explore what emotions are, how to express them, and how to react to them in a positive way. This project will provide tools and techniques to help members through any emotional situation.

355- Tracking Your Health and Fitness: Intermediate and State Fair Eligible, Judging Day- Wednesday

Learning about health and fitness is interesting and fun if you know about your vital measures. Members will take their own vital measures by hand or with a fitness tracking device. No matter what you choose, you will come away with very useful life skills. This is a one-year project and cannot be repeated.

356- Relationships 101, new for 2024: Intermediate and State Fair Eligible, Judging Day- Wednesday

Relationships can be challenging! Members will explore different relationships and discover what makes each one healthy or unhealthy. Members will better understand how their personal identity and values influence their relationships with others. After completing this project, they will have the necessary communication skills to effectively resolve conflicts. This is a one-year project and cannot be repeated.

300- You're the Athlete: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project will help youth learn the fundamentals of being a well-rounded athlete. This project uses up-to-date, research based information and lots of fun activities that develop knowledge, attitudes, skills, and aspirations in sportsmanship, time management, goal setting, nutrition and sports, strength and conditioning, leadership, conflict resolution, and careers in athletics. Members will be able to apply the activities to their own personal sports interest. Project activities can be completed as an individual or as a team or group. Project can be repeated as long as new knowledge and skills are gained and you select at least one other section for which you will complete all of the Play Book, Practice Field, and Big Event activities.

359- Your Thoughts Matter: Advanced and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

What does mental health really mean? How many people are affected by mental health issues such as anxiety and depression? Be part of the solution by learning the answers to those questions and more. Learn the difference between healthy worry and an anxiety disorder, and ordinary sadness and depression. Help remove the stigma from mental health disorders by creating informative flyers and sharing them with your community. Look into tips for recovering from setbacks easily and learn why this is a crucial life skill. Intended for advanced-level youth who are interested in learning more about mental health, why it is important to overall well-being, and steps that promote understanding and action. *This project is not intended as a resource for those in crisis. If you or someone you know is struggling with a mental health issue, please seek adult or professional help immediately.* This is a one year project and cannot be repeated.

358- The Truth about Tobacco: Advanced and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

The nicotine in cigarettes and other tobacco products endanger the health of those who use tobacco products and also those exposed to secondhand smoke. In this project, youth will learn the physical effects of tobacco use, how tobacco products are made, how they are marketed, and about consumption in America. This is a one year project and cannot be repeated.

357- Alcohol and Drug Abuse: Advanced and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project is designed for 4-H members interested in this dangerous and growing problem. Members will learn the effects of drugs and alcohol on the brain, the nature of addiction, alcohol companies' marketing tools, teenage use, and how best to respond to the problem. This is a one year project and cannot be repeated.

HOME DECORATING AND DESIGN

405- The Laundry Project: Beginner and State Fair Eligible, Jr. (9-13 years old) and Sr. (14 and up), Judging Day- Wednesday

How do you get clean laundry? In this project members will explore different laundry machines and products, how to be environmentally friendly in their laundry room and how to sort and clean their laundry. Members will conduct an experiment to learn how heat affects different types of fibers too! This project is appropriate for members of all ages with no experience in doing laundry. This is a one year project and cannot be repeated.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a display representing the learning experience of the current project. Members need to bring visuals (an exhibit of items from the project, or pictures, etc.) to show their project accomplishments. The display does not need to be a tri-fold display board. The display must be able to fit on a 3'x3' square floor area or 3 feet of table space.

Fair Exhibit: Display from judging.

491- It's My Home: Beginner and State Fair Eligible, Judging Day- Wednesday

This project is primarily for members 8-10 years old. Members will make simple furnishings or accessories to make their living space at home more pleasing and practical. This project covers basic design elements, organization, upcycling and service learning. This is a one year project and cannot be repeated.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a display representing the learning experience of the current project. Members must also bring one item constructed in the project according to the requirements listed in the project book, before and after photos, a cost report, and visuals to show how the item helps make more pleasing and practical living spaces in the home. The display does not need to be a tri-fold display board. The display must be able to fit on a 3'x3' square floor area or 3 feet of table space.

Fair Exhibit: Display or item made.

494- Makeover My Space: Intermediate and State Fair Eligible, Jr. (11-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Want to make a big change in your bedroom or other room in your house? This project, which is all about room makeovers, is intended for members with little or no design experience and who are old enough to complete a significant interior decorating project independently. This project covers planning, design basics, color, flooring, walls, windows, and lighting. Project can be repeated as long as new knowledge and skills are gained and a new space is remodeled and redecorated each year.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a display representing the learning experience of the current project. Member must also include before and after pictures in their display or create a portfolio/scrapbook to show their project accomplishments

according to the requirements in the project book. The display does not need to be a tri-fold display board. The display must be able to fit on a 3'x3' square floor area or 3 feet of table space.

Fair Exhibit: Display from judging.

495- Your First Home Away From Home: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is now only available online at ohio4h.org/publications. This project is specifically for youth ages 16 and above. Members will plan their college dorm room, first apartment or house. Members will use knowledge, ideas and principles related to housing, furnishings, equipment, and management. This is a one year project and cannot be repeated.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a display representing the learning experience of the current project. Members must bring a display that includes items selected or made for their first home, records, pictures, portfolio, etc. showing how they've used the knowledge, ideas and principles related to housing, furnishings, management and equipment in planning their first home away from home. The display does not need to be a tri-fold display board. The display must be able to fit on a 3'x3' square floor area or 3 feet of table space.

Fair Exhibit: Display, portfolio, or item made, reconstructed or purchased.

LEADERSHIP

Judging Requirements for all Leadership Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a table-top exhibit illustrating highlights of their project experiences and accomplishments. Members will be limited to a 36" wide by 24" deep tabletop space to exhibit materials. Electrical connections are not available.

Fair Exhibit for all Leadership Projects: **Table-top exhibit.**

****Additional judging requirements listed under some of the leadership projects.**

377- Finding Your Voice: Public Speaking Made Easy: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

This project shows members with little or no public speaking skills or experience how to prepare and confidently deliver speeches in front of large and small crowds. Take a look at how the pros manage this skill, then learn how to handle various speaking situations, deliver different types of speeches, and resolve problems you may experience along the way. This is a one year project and cannot be repeated.

371- Club Leadership 1: Intermediate and State Fair Eligible, Judging Day- Wednesday

Do you have some experience as a 4-H club officer or are you interested in becoming an officer? This project is for members with some experience in leadership and who want to learn more about what it takes to become a well-balanced and successful leader in 4-H and in life. Members will work with 4-H advisors and other leaders for inspiration, leadership skills, and other tips to provide leadership within their club. You'll look at inspirational leaders and various leadership styles, then develop your skills through a series of fun activities using real-life examples from your club experiences. This is a one year project and cannot be repeated.

383- Club Leadership 2: Advanced and State Fair Eligible, Judging Day- Wednesday

Make the best better in your 4-H club by improving your leadership skills and the way you assist advisors and club members. Use your life experiences to find your leadership strengths, assess past teamwork, improve your speaking skills, and build relationships. Also, discover innovative ways to get to know your team, to communicate to resolve issues, and to develop a team plan. Intended for current club officers or chairs of committees. This is a one year project and cannot be repeated.

374- Teens on Board: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project is designed for teens who serve on or who are interested in serving on boards or committees. Members will learn to arrange more productive meetings and to participate more effectively. This is a one year project and cannot be repeated.

375- Leadership Road Trip: Where are you going?: Intermediate and State Fair Eligible, includes an iBook version, Judging Day- Wednesday

Do you want to become a good leader? Members will begin their leadership journey by answering questions about themselves and the people close to them, by setting goals, by practicing communication and by making a commitment to lead. This is a one year project and cannot be repeated.

Judging Requirements: For those completing the iBook version, members will need to bring their own iPad with completed project records in addition to their tabletop exhibit. Members may also bring supplemental project records.

370- Mentoring: Leadership in Action: Advanced and State Fair Eligible, Judging Day- Wednesday

This is a mentoring project designed for older 4-H members (13 years or older) with at least two years of 4-H experience. Teens will mentor at least one beginner 4-H member and complete a series of learning experiences with their mentee. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and a new mentee is identified.

372- Diversity: The Source of Our Strength: Advanced and State Fair Eligible, Judging Day- Wednesday

Members will explore the many forms of diversity that take place in our daily lives, see life from various perspectives, and learn about new situations and people who are different from themselves. Members will show what they have learned with a capstone project in any creative format they choose. This is a one year project and cannot be repeated.

373- My Hands to Larger Service: Advanced and State Fair Eligible, Judging Day- Wednesday

This project assists teen members in making a difference through community service. No matter what the specifics of their community service project are, this book takes them through the nature of service, making plans, recruiting team members, completing the project, and evaluating their accomplishments. This is a one year project and cannot be repeated.

376- Pantry Panic: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for older community-minded youth and is a combination of food and nutrition and community service. Members will learn about the “food insecurity” issue that affects much of the world’s population and many in our own communities. Youth will learn about hunger in their community and develop the skills and imagination to prepare healthful meals with ingredients they have on hand or might receive from a food pantry. This is a one year project and cannot be repeated.

378M- Leadership Master: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for older teens who want leadership experiences different from opportunities provided through other leadership projects listed above. Members will need enough leadership experience to plan and complete this advanced project with minimal supervision or assistance. Project can be completed in one year or can be repeated as

long as it is different from what you can do within the guidelines of other 4-H leadership projects and should be different and more advanced than other leadership experiences you may have had previously. Each Leadership Master project you select must be different for each year.

Judging Requirements: Members must complete general project guidelines outlined in the project worksheets. Bring completed worksheets. Members should also bring a tabletop exhibit (e.g. poster, educational display, scrapbook, etc.) illustrating highlights of their project experience and accomplishments. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Tabletop exhibit from judging.

365.06-Self-Determined Workforce Prep- Camp Counseling: All Levels and State Fair Eligible, Judging Day- Wednesday

Do you like working with children and playing games? Do you love nature and being outdoors? Members can combine all of these interests into one experience. 4-H camps look for teens who are willing to learn about children, leadership, camping, games, crafts and personal development. Eventually, we would like members to share their experiences by volunteering to become a camp counselor in their local program. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed and new knowledge and skills are gained.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Bring completed project outline, list of objectives they wanted to learn, an outline of their work and a final report on project and what they did. Members should also bring a tabletop exhibit (e.g. poster, educational display, scrapbook, etc.) illustrating highlights of their project experience and accomplishments. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Tabletop exhibit from judging.

MONEY MANAGEMENT

Judging Requirements for all Money Management Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a poster or educational display relating to project. If member is repeating the project, the member must complete a new project book and create a new poster or educational display to showcase new knowledge and skills gained. All new and previous project books and posters or educational displays should be brought to judging.

Fair Exhibit for all Money Management Projects: **Poster or educational display from judging.**

445- Becoming Money Wise: Beginner and State Fair Eligible, Judging Day- Wednesday

This project is designed for members 10-13 years old. Youth will monitor their cash flow, develop a budget to see where they spend their money and learn to keep good records to become a responsible consumer. Project may be repeated for a second year with more challenging activities completed the second year.

448- Teens On the Road to Financial Success: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is designed for teens ages 14-19. Members will have the opportunity to organize their financial lives by analyzing spending, obtaining and managing banking services, making consumer decisions and exploring financial careers. Project may be repeated for a second year with more challenging activities completed the second year.

NATURAL RESOURCES

Judging Requirements for all Natural Resources Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and a display representing the learning experience of the project. The display must be limited in size to what the member can maneuver on his or her own.

Fair Exhibit for all Natural Resources Projects: **Display from judging.**

****Additional judging requirements and fair exhibit information is listed under some of the Natural Resources projects.**

611- Explore the Outdoors: Beginner and State Fair Eligible, Judging Day- Saturday

This project shows youth how to prepare for outdoor adventures so they can explore the woodlands, fields, wetlands, and the geology of Ohio. This project is intended for youth of all ages interested in Ohio's wildlife and ecosystems. This is a one year project and cannot be repeated.

612- Geology: Can You Dig It?: Beginner and State Fair Eligible, Judging Day- Saturday

Discover our planet's past with clues in rocks, minerals and fossils that you collect. Learn where to find these items, how to identify them and how they formed. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and a new display of rocks, minerals and fossils is created.

Judging Requirements: Members must also bring a collection showcasing all your findings in a display of your design.

620- Why Trees Matter: Beginner and State Fair Eligible, Judging Day- Saturday

Members develop their interest in trees and our natural resources with exciting experiments. Activities will highlight how trees function individually and how they play a role in our everyday lives. This is a one year project and cannot be repeated.

613- Exploring Polar Science: Intermediate and State Fair Eligible, Judging Day- Saturday

In this project, members take a close look at the Arctic and Antarctica by learning more about their geography, glaciers and sea ice and plants and animals. Have fun with hands-on activities, learn about related careers and take an active role in protecting these beautiful and unique environments. This is a one year project and cannot be repeated.

622- Trapping Muskrats in Ohio: Intermediate and State Fair Eligible, Judging Day- Saturday

In this project, youth will learn about the biology and behavior of muskrats and how to ethically and humanely trap muskrats. Project may be repeated for the second year with more challenging activities completed the second year.

617- Exploring Ponds: Advanced and State Fair Eligible, Judging Day- Saturday

This project is designed for members who are experienced in exploring the outdoors and they will learn all about ponds with this in-depth project. They will first look at the "big picture" with Earth's water cycle and water conservation, then zoom in and learn about a pond's health and its ability to support many organisms in and around it. This is a one year project and cannot be repeated.

Fishing

623- Outdoor Adventurer: Beginning Fishing: Beginner and State Fair Eligible, Judging Day- Saturday

In this project, youth will enjoy outdoor experiences by fishing, learn more about conservation, learn about fish found in Ohio and engage in field and stream activities. Youth will learn some fish basics and how to catch them, then fill their log book with all their fishing trips. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and new fishing experiences are completed.

624- Outdoor Adventurer: Intermediate Fishing: Intermediate and State Fair Eligible, Judging Day- Saturday

This project will expand on what youth learned in Fishing for the Beginner. Youth will learn more on different fishing methods and equipment to use. Learn more about the outdoor sport you love with activities that explore how to find fish and how to get them to bite. Includes cleaning. Completing the Outdoor Adventurer: Beginning Fishing project first is highly recommended. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and new fishing experiences are completed.

Insects

Judging Requirements for all Insect Adventures Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and a display representing the learning experience of the project. The display must be limited in size to what the member can maneuver on his or her own.

Fair Exhibit for all Insect Adventures Projects: **Display or insect collection from judging.**

Resource Book: A resource book is available for Insect projects at the Extension Office. The Resource Handbooks contain essential information for members and guides you through collecting insects, what to pin and what to point, spreading butterflies and displays. No additional cost.

****Additional judging requirements is listed under the Insect Adventures projects.**

644- Insect Adventures 1: Beginner and State Fair Eligible, Judging Day- Saturday

Do you enjoy learning about science and nature by studying insects? This introductory project provides important background information and focuses on how insects look and move. This project is designed for members in grades 3-5, but is available to all members with beginning level knowledge of entomology. This project guides you through “entomology” basics like insect types and parts, how to catch insects and why they are so important to us. Visit **ohio4h.org/insects** for resources, including videos showing how to make insect traps. This is a one year project and cannot be repeated.

Judging Requirements: Members must also bring a collection of thirty insects, mounted and labeled.

645- Insect Adventures 2: Intermediate and State Fair Eligible, Judging Day- Saturday

The second project in this series will build on members’ knowledge of insects by making insect collection tools and expanding on the basic concepts of biodiversity, invasive species, integrated pest management and forensic entomology. Project is designed for members in grades 6-8, but is available to all members with some knowledge of entomology. Dig a little deeper into the world of insects by learning to love a caterpillar, recognizing relatives of insects, building a new trap and identifying friendly predators. Visit **ohio4h.org/insects** for resources including videos showing more methods to catch insects. This is a one year project and cannot be repeated.

Judging Requirements: Members must also bring a collection of forty specimens, mounted and labeled.

646- Insect Adventures 3: Advanced and State Fair Eligible, Judging Day- Saturday

The third project in this series allows members to dig even deeper into entomology concepts and take control of their learning by doing their own research using the scientific method and reference materials. These activities take you to expert level as you dissect a grasshopper, explore insect history, investigate trapping and welcome “beneficials.” Anyone want a room in the bee hotel? Visit **ohio4h.org/insects** for resources. Videos include how to trap a spotted wing Drosophila (SWD), make a bee hotel and dissect a grasshopper. Project is designed for members in grades 9-12, but available to all members with advanced knowledge of entomology. This is a one year project and cannot be repeated.

Judging Requirements: Members must also bring a collection of fifty specimens, mounted and labeled.

Gardening

671- How Does Your Garden Grow?: Beginner and State Fair Eligible, Judging Day- July 20th

This beginning level project will have members preparing a flower garden, either in the ground or in containers. Members must plan to obtain seeds and start project in March/April. This project is designed to be taken for two years. In the second year, youth must use a new project book to document decisions for a new and different flower garden.

Judging Requirements: Members must bring at least 5 pictures of their garden's progress which can be included in the display or can bring a small album or scrapbook. Bring a sample of flowers grown in garden in a large plastic cup or container with water.

Fair Exhibit: Sample of flowers grown in garden in a large plastic cup or container with water to display in Grange Building. Members may place poster, educational display, or project book in booth or county booth.

691- Grow Your Own Vegetables: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- July 20th

Members will find vegetables they like to eat and can grow with activities that take them from planning and designing to growing and harvesting. They can plant in a garden or in containers and end the season with delicious and nutritious home grown food. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and a new project book and different kinds of plants and fresh designs or gardens are used each year.

Judging Requirements: Members must bring at least 5 pictures of their garden's progress which can be included in the display or can bring a small album or scrapbook. Bring a sample of vegetables from the garden on a paper plate.

Fair Exhibit: Sample of vegetables grown in garden on a paper plate to display in the Grange Building. Members may place poster, educational display, or project book in club booth or county booth.

673- Edible Landscapes: Intermediate and State Fair Eligible, Judging Day- July 20th

Members of any age can learn to grow edible plants. Add edibles to the current landscape, swap existing plants for edible plants, create a new garden, or do all three! Members will complete a site evaluation, plan which edible plants to use, plant and nurture them and then enjoy the fruits and vegetables as they ripen. This is a one year project and cannot be repeated.

Judging Requirements: Members must bring at least 5 pictures of their landscape or garden's progress, which can be included in the display or can bring a small album or scrapbook. Bring a sample of edible plants on a paper plate.

Fair Exhibit: Sample of edible plants on paper plate to display in the Grange Building. Members may place poster, educational display, or project book in club booth or county booth.

692- Growing with the Seasons: Intermediate and State Fair Eligible, Judging Day- July 20th

Youth will make the most of their garden space by planting seasonal crops. This project is good for members with an interest in expanding their commitment to growing and preserving home-grown fruits and vegetables. Take your garden to the next level with easy-to-implement intensive gardening methods that use available space and the entire gardening season. Having a garden is special. Being able to save and share its bounty is good too! Completing the *Grow Your Own Vegetables* project first is highly recommended. This is a one year project and cannot be repeated.

Judging Requirements: Members must bring at least 5 pictures of their garden's progress which can be included in the display or can bring a small album or scrapbook. Bring a sample of vegetables or fruit from your garden on a paper plate.

Fair Exhibit: Sample of vegetables or fruit grown in garden on paper plate to display in the Grange Building. Members may place poster, educational display, or project book in club booth or county booth.

670- Canning and Freezing: Intermediate and State Fair Eligible, Judging Day- July 20th

Explore water bath canning and freezing home preservation methods with this interesting and informative project. Pressure canning is not included. Learn how pH determines which canning method to use, when fruits and vegetables are in season, become familiar with canning equipment and preserve produce using the freezing method. Members must have access to a current, reliable home food preservation guidebook. This is a one year project and cannot be repeated.

Judging Requirements: Bring one jar (pint or quart) or item canned and one frozen food.

Fair Exhibit: Display or jar of canned food.

621- Ohio Birds: All Levels and State Fair Eligible, Judging Day- Saturday

This is a two-year project where youth will observe and identify birds with bird feeders in their yard and on field trips to see the many benefits our feathered friends provide.

Judging Requirements: If member is repeating the project, they must complete a new project book and a new display representing new skills and knowledge gained. Members must bring previous and new project books and displays with them to judging.

641- Beekeeping Project and Record Book: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

Beekeeping offers learning and fun for members of all ages. The project and record book covers project requirements, colony care and management and basic beekeeping records. Youth will work with a beekeeper; help prepare equipment and extract honey. Project can be completed in one year or can be repeated each year you have a beekeeping project as long as new knowledge and skills are gained and in addition to what is required every year, a new topic of interest and new learning activities and experiences are completed for your age level. Visit ohio4h.org/beekeeping for recommended resources and more information.

Judging Requirements: If member is repeating the project, they must complete a new project book and a new display representing new skills and knowledge gained. Members must bring previous and new project books and displays with them to judging.

PHOTOGRAPHY

584- Photography Basics, Level 1: Beginner and State Fair Eligible, Judging Day- Wednesday

This project is recommended for youth in grades 5-12. Activities in this advanced study of photography build on equipment, lighting, composition and skill building. Topics covered include smartphone exposure tips, low light challenges, and studio portraits. Access to a camera (phone or DSLR camera) is essential. Project can be repeated as long as new knowledge and skills are gained and new Photo Shoot activities are created each year and the Challenge Yourself activities are completed.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring one of the following: a) One print of any size mounted at the discretion of the member, b) A "Photo Story" consisting of 5-10 photographs mounted at the discretion of the member, or c) A collection of 5-10 photographs illustrating one of the activities in the book mounted at the discretion of the member. All mounted prints must be identified by printing members name, county and project in the lower right hand corner on the back of the exhibit.

Fair Exhibit: Photo exhibit used at judging.

585- Next Level Photography, Level 2: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project is recommended for youth in grades 5-12. This project builds on the skills learned in Level 1. Topics include the rule of thirds, selecting a lens, and panorama. Access to a camera (phone or DSLR camera) is essential. Project can be repeated as long as new knowledge and skills are gained and new Photo Shoot activities are created each year and the Challenge Yourself activities are completed.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring one of the following: a) One print of any size mounted at the discretion of the member, b) An enlargement accompanied by the original size print mounted at the discretion of the member, c) A collection of 5-10 photographs illustrating one of the activities in the book mounted at the discretion of the member, or d) An original print illustrating a news story accompanied by the published article and mounted at the discretion of the member. All mounted prints must be identified by printing member's name, county and project in the lower right hand corner on the back of the exhibit.

Fair Exhibit: Photo exhibit used at judging.

586- Mastering Photography, Level 3: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is recommended for youth in grades 5-12. Both level 1 and 2 must be taken before this project. Topics include smartphone exposure tips, low light challenges and studio portraits. Access to a camera (phone or DSLR camera) is essential. Project can be repeated as long as new knowledge and skills are gained and new Photo Shoot activities are created each year and the Challenge Yourself activities are completed.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring one of the following: a) One print of any size mounted at the discretion of the member, b) An enlargement accompanied by the original size print mounted at the discretion of the member, c) A collection of 5-10 photographs illustrating one activity from the book mounted at the discretion of the member, or d) An original print illustrating a news story accompanied by the published article and mounted at the discretion of the member. All mounted prints must be identified by printing members name, county and project in the lower right hand corner on the back of the exhibit.

Fair Exhibit: Photo exhibit used at judging.

589M- Photography Master: Advanced and State Fair Eligible, Judging Day- Wednesday

This project is for members who want to take a photography project in a category that is different from what is offered in other 4-H photography projects. This project requires specialized and professional level skills beyond those typically used in other 4-H photography projects. Members of any age may complete this project, but must have previous photography experience and be able to plan and complete the project on their own with minimal assistance or supervision. Members must also complete a portfolio of the work. Project is not offered through a book, but as worksheets offered online at ohio4h.org/publications or at the Extension Office. Project can be completed in one year or can be repeated as long as each Photography Master project you select is different for each year.

Judging Requirements: Members must complete general project guidelines outlined in the worksheets. Bring completed project outline/worksheets. All participants will be expected to bring at least one print for display, mounted at their discretion, illustrating what they consider the best of the photographs demonstrating the area of interest they have chosen to master in this year's project. Some examples of photographic explorations include: a) Select a type of photography (i.e. portrait, wedding, baby, landscape, sports, fashion, etc.) and explore the skills and equipment needed to be successful and create a portfolio that showcases the type of photography you choose, b) Create a collection of images illustrating a picture story or a documentary with print or digital images, c) Experiment with a variety of light intensities and angles and apply your new knowledge to your photography, d) Learn to see in black and white and explore how removing color changes the mood, focus of attention, and attractiveness, e) Use a specialized technique, such as selective focusing or enlarging, to change an images focal point, feel, meaning, etc., and f) Learn how to use the manual

settings on your camera to your advantage (i.e. nighttime photography). All mounted prints must be identified by printing members name, county and project in the lower right hand corner on the back of the exhibit. Equipment to view digital images and or portfolios must be provided by the exhibitor. Be aware that Internet/WiFi service will not be available at the judging site. Photo editing, photochemical developing and printing may be done by the exhibitor and is encouraged.

Fair Exhibit: Photo exhibit used at judging.

QUILTS

499- You Can Quilt!: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Members who want to start learning about quilting can start with this project. Members will gather quilting tools, select and cut fabrics, stitch pieces together, work on sewing techniques and finish their quilt. Members can choose from two different patterns to **make two mini quilts: one for donation to a charity of members choice and one to keep.** Project can be repeated as long as new knowledge and skills are gained and new quilts are created every year. If repeating the project, the More Challenges activities and new learning experiences should be completed. If member is repeating this project, a new project book must be completed.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. **Bring both mini quilts as per pattern(s) provided in the project book.** All mini quilts must be stitched or knotted by the 4-H member. The member must bring all previous and new completed project books and quilts if applicable to judging.

Fair Exhibit: Mini quilt.

498- Quilting the Best Better: Intermediate and State Fair Eligible, Judging Day- Wednesday

This project is for members who completed *You Can Quilt!* This project will allow members to practice and refine their quilting skills by using the half-square triangle method on a built-in community service project and on your own lap quilt. Members will use some advanced tools and gadgets, too! Project can be repeated as long as new knowledge and skills are gained and a new quilt is created every year. If repeating the project, the More Challenges activities and new learning experiences should be completed. If member is repeating this project, a new project book must be completed.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring one lap quilt that is a minimum of 30 in. x 30 in. and no larger than 54 in. by 72 in. created during the project as per patterns provided in the project book. All lap quilts must be stitched or knotted by the 4-H member. The member must bring all previous and new completed project books and quilts if applicable to judging.

Fair Exhibit: Lap quilt.

365.05- Self Determined- Quilting: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

Members can expand on a project already available. Self-determined projects do not have a project book; rather members must complete the "Self-Determined Project Guide" which is available online at ohio4h.org/self-determined or pick up a copy at the Extension Office. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed, new knowledge and skills are gained and a new quilt is created every year.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Bring completed project outline, list of objectives they wanted to learn, an outline of their work and a final report on project and what they did. Members must bring the quilt or quilted items designed and constructed for their project.

Fair Exhibit: Quilt or quilted items designed and constructed.

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

Veterinary Science

Judging Requirements for all Veterinary Science Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and a poster or educational display relating to project. If member is repeating any of the projects, a new project book and a new poster or educational display must be created to showcase new skills and knowledge gained. Members must bring new and previous project books and posters or educational displays to judging.

Fair Exhibit for all Veterinary Science Projects: **Poster or educational display from judging.**

244- From Airedales to Zebras, Level 1: Beginner Level and State Fair Eligible, Judging Day- Saturday

This project is designed for members in grades 3-5, but may be taken by any 4-H aged youth. Youth must start with this project when taking vet science projects in this three-part series. This project offers a variety of activities to learn all about animals. Members will learn about animals' basic needs, learn and identify different breeds of animals, the purpose of body systems, how to improve biosecurity and important veterinary practices and common veterinary tools. Project can be taken for up to three years. If repeating the project, more knowledge and skills must be gained along with more challenging activities.

245- All Systems Go!, Level 2: Intermediate Level and State Fair Eligible, Judging Day- Saturday

This project is designed for members in grades 6-8 or members who completed From Airedales to Zebras. Members will explore a wide range of activities related to veterinary science. Members will learn how to create health records for animals, examine parasite life cycles, investigate disease causing agents and conduct a food safety experiment. Project can be taken for up to three years. If repeating the project, more knowledge and skills must be gained along with more challenging activities.

246- On the Cutting Edge, Level 3: Advanced and State Fair Eligible, Judging Day- Saturday

This project is designed for members in grades 9-12 or members who completed From Airedales to Zebras and All Systems Go! Members will learn about animal behavior, diseases, genetics, anatomy and physiology. Members will explore deeper into veterinary medicine and other animal related careers. Project can be taken for up to three years. If repeating the project, more knowledge and skills must be gained along with more challenging activities.

Rockets and Science Fun with Flight

Judging Requirements for all Rocket Projects and Science Fun with Flight: Members must complete general project guidelines outlined in the project book or worksheets. Bring completed project book or worksheets. Bring a poster or educational display related to project and bring rocket constructed.

Fair Exhibit for all Rocket Projects: **Poster, educational display, or rocket from judging.**

****Additional judging requirements is listed under the Rockets projects.**

502- Science Fun with Flight: Beginner and State Fair Eligible, Judging Day- Saturday

Members taking this project will experiment with the forces of flight by building a flying model airplane or glider to soar above the Earth. This project does not include radio-controlled airplanes or helicopters. This is a one year project and cannot be repeated.

503- Rockets Away- Solid Fuel: Beginner and State Fair Eligible, Judging Day- Saturday

Members will study the science of rocketry through a variety of hands-on experiments for all ages. Members will conclude the project by launching a solid fuel model rocket built from a kit. This is a one year project and cannot be repeated.

Judging Requirements: Member may be required to launch their solid fuel rocket depending on local conditions and bring their own launch equipment and motor.

501- Rockets Away (2-liter Bottles): Beginner and State Fair Eligible, Judging Day- Saturday

Study the science of rocketry through a variety of hands-on experiments for all ages. At the conclusion of this project members will build and launch a 2-liter bottle water rocket. A bottle rocket launcher is available to check out and borrow from the Extension office. Any lost, damaged, or broken materials will be the borrower's responsibility to replace. Please call ahead of time to see if we have any available during the time you wish to use it. You can also visit www.ohio4h.org/rocketry for additional information. This is a one year project and cannot be repeated.

Judging Requirements: Member may be required to launch bottle rocket depending on local conditions. Bring your own launch equipment if you are able.

503M- Solid-Fuel Rocketry Master: Advanced and State Fair Eligible, Judging Day- Saturday

This project is for members who have completed 503 *Rockets Away!-Solid Fuel Model Rockets* and who want to continue to develop specialized skills. Members of any age may complete this project, but they must have significant experience in rocketry and be able to plan and complete this project on their own with minimal supervision or assistance. Project is not offered through a book, but as worksheets offered online at ohio4h.org/publications or at the Extension office. Project can be completed in one year or can be repeated as long as it is different from what you can do within the guidelines of other 4-H rocket projects and rocketry experience should be comparable to what is required for other advanced level 4-H projects. Each Rocketry Master project you select must be different for each year.

Judging Requirements: Member may be required to launch their solid fuel rocket depending on local conditions and bring their own launch equipment and motor.

Engineering, Food Science, and Physics

Judging Requirements for all Engineering, Food Science, and Physics Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and a poster or educational display relating to project.

Fair Exhibit for all Engineering, Food Science, and Physics Projects: **Poster or educational display from judging.**

490- Science Fun with Dairy Foods: The Case of the Missing Milk: Beginner and State Fair Eligible, Judging Day- Saturday

Members' kitchens will become a laboratory as they observe and experiment with dairy products. As a member of the Dairy Police Task Force, they will discover the science behind butter, cheese and curds while solving the mystery of The Missing Milk. This is a one year project and cannot be repeated.

493- Science Fun with Kitchen Chemistry: Beginner and State Fair Eligible, Judging Day- Saturday

Join the Terrestrial Alien Defense Academy and figure out how to outsmart the aliens by doing experiments in your kitchen. Learn what matter is and how it changes form, explore the different properties of matter, find out about acids and bases and discover how everyday items and kitchen ingredients can be used in cool experiments! This is a one-year project and cannot be repeated.

500- Science Fun with Physics: Beginner and State Fair Eligible, Judging Day- Saturday

Let your inner scientist come out and uncover the mysteries of physics at play in daily life. The amazing magician Franco Newtoni guides members through this project. During each experiment, they will see the forces of nature, energy and the power of physics at work-or is it magic? This is a one-year project and cannot be repeated.

550- Young Engineers in Solar Energy: Intermediate and State Fair Eligible, Judging Day- Saturday

Jump-start your career in engineering with this hands-on introduction to the sun as an energy source. Nine activities lead members through the nature of light, Earth's relationship to the Sun and the technology that allows us to use its energy. Directions for simple make-at-home scientific instruments included! This is a one-year project and cannot be repeated.

Robotics

509- Robotics Essentials: Intermediate and State Fair Eligible, Judging Day- Saturday

Not all robots are the same, but they do share some basic features. Members will choose from two recommended platforms (LEGO[®] SPIKE[®] or VEX[®]) to learn what a robot is, how to build one, and how to program it. See www.ohio4h.org/robotics for details. The cost for one of these kits is approximately \$300. A computer for running the programming software and internet access for watching videos are required.

Judging Requirements: Members must complete general project guidelines outlined in the project worksheets. Bring a poster or educational display relating to project. Bring engineered robot and be prepared to demonstrate.

Fair Exhibit: Poster or educational display from judging.

512M- Robotics Master: Advanced and State Fair Eligible, Judging Day- Saturday

This project is for members who want to continue with robotics after completing the existing Ohio 4-H robotics projects or who want to explore robotics through a different platform (other than LEGOS[®]). Members of any age may complete this project, but must have previous robotic experience (comparable to what is required for other advanced level projects) and be able to plan and complete the project on their own with minimal supervision. Project is not offered through a book, but as worksheets offered online at ohio4h.org/publications or at the Extension office. Project can be completed in one year or can be repeated as long as it is different from what you can do within the guidelines of other 4-H robotics projects and should require specialized or professional level skills to complete. Each Robotics Master project you select must be different for each year.

Judging Requirements: Members must complete general project guidelines outlined in the project worksheets. Bring a poster or educational display relating to project. Bring engineered robot and be prepared to demonstrate. Members are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.

Fair Exhibit: Poster or educational display from judging.

SELF-DETERMINED

Member's taking a self-determined project: 365.00 General Self-Determined projects, or anything of their own topic must turn in the *Self- Determined Project Guide* to the Extension Office by May 1st. The outlines will be with the judge at judging, but it is advised to make a copy of your outline before turning it in to the Extension Office.

365- Self-Determined: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up)

Self-determined projects allow members to explore topics unavailable through 4-H. Members can create and develop their own topic for a project, expand on a project already available, or choose from a project idea starter listed below. Project is not offered through a book, but as a Self-Determined Project Guide offered online at ohio4h.org/self-

determined or at the Extension office. Every year a different “idea starter” or topic can be selected to explore. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed and new knowledge and skills are gained. A new tabletop display must be created each year.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Bring completed project outline, list of objectives wanted to learn, an outline of their work and a final report on project and what they did. Members should also bring a tabletop exhibit (e.g. poster, educational display, scrapbook, etc.) illustrating highlights of their project experience and accomplishments. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Tabletop exhibit from judging.

Self-Determined Idea Starters

365.00- General, Judging Day- Saturday

3D Printing
Amateur Radio
American Sign Language
Clowning
Computers
Digital Media
Disability Advocacy and Awareness
Discovering Genetics
Local Foods: Does it matter what you eat?
Model Railroading
Music
Skateboarding
Viruses, Bacteria, Fungi, Oh My!
Ways of Knowing Water

365.01 Companion Animal, Judging Day- Saturday

Chinchillas
Ferrets
Hedgehogs
Pigeons
Reptiles and Amphibians

365.02 Creative Arts, Judging Day- Wednesday

Miniature Gardens—fairies, fake plants, etc.
Paper Craft- see pg. 43
String Art

365.03 Family Life, Judging Day- Wednesday

Babysitting- see pg. 47

365.04 Natural Resources, Judging Day- Saturday

Astronomy
Bats
Climate Change
Crop Production
Field to Faucet: What Determines Water Quality
Flower Gardening
Get Started with Composting
Going Green: Learning to Lead a Sustainable Life
Miniature Gardens- live plants
Native American Artifacts: Arrowheads
Paddle Water Sports
Shale Gas Extraction
Weather

365.05 Quilt- see pg. 65, Judging Day- Wednesday

365.06 Workforce Prep, Judging Day- Wednesday

Camp Counseling- see pg. 59
The Work World Is Calling . . . Are You Ready?- see pg. 73



SHOOTING SPORTS

Judging Requirements for Shooting Sports Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a poster or educational display relating to project and representing the learning experience. **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any 'loaded' ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display.

Fair Exhibit for Shooting Sports Projects: Poster or educational display from judging.

630- Safe Use of Guns: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

This is a beginning level project for 4-H members who have a responsible adult who will supervise their shooting. Youth will make sure they are safe by learning the importance of gun safety. Take the safety pledge, then learn about pistols, rifles, and shotguns by getting to know their parts and how to handle them. Shooting a firearm is not a requirement for this project. Being safe in handling and storing guns could save their life or the life of someone they love. This is a one year project and cannot be repeated.

631- Basic Archery: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

This is a beginning level project for 4-H members who have a responsible adult who will supervise their shooting. Members will learn and develop knowledge and skills in basic archery safety. This is a one year project and cannot be repeated.

Currently Seneca County does not offer a shooting sports program, but members who are interested can call the Extension office about the possibility of joining another county's program. ****All of the projects below require the supervision of a certified 4-H shooting sports instructor.**** All shooting sports projects can be taken for multiple years as long as new knowledge and skills are gained and a new record book is completed for each discipline in which you are participating in each year. If repeating Living History, a new character and time period must be focused on every year. Shooting Sports projects are **all judged on Saturday** and include:

750 Rifle Project and Record Book: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up)

751 Archery Project and Record Book: Note this is different from the Basic Archery Project: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up)

752 Shotgun Project and Record Book: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up)

753 Pistol Project and Record Book: All Levels and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up)

754 Hunting/Wildlife Project and Record Book: All Levels and State Fair Eligible

755 Muzzleloader Project and Record Book: All Levels and State Fair Eligible

756 Living History Project and Record Book: All Levels and State Fair Eligible

757 Crossbow Project and Record Book: All Levels and State Fair Eligible

758 Western Heritage Project and Record Book: Firearms, Gunleather, and Attire of the Frontier West 1860-1900: All Levels and State Fair Eligible

VEHICLES

Judging Requirements for all Vehicle Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and a poster or educational display relating to project. If member is repeating any of the projects, a new project book and a new poster or educational display must be created to showcase new skills and knowledge gained. Members must bring new and previous project books and posters or educational displays to judging.

Fair Exhibit for all Veterinary Science Projects: **Poster or educational display from judging.**

555- ATV Safety: All Levels: NOT State Fair Eligible, Judging Day- Saturday

This project book is designed for use by individual members and is appropriate for all age levels. Lessons rely in large part on information from the ATV Safety Institute and are designed to put safety first. The book covers getting familiar with one's ATV, protective gear, riding techniques, safe strategies and practices, and respecting the environment. Includes practice records. Enrollment in an ASI Rider Course is recommended, but not required. Project can be completed in one year or can be repeated as long as new knowledge and skills are gained and new records and activities are completed each year.

517- Bicycling for Fun, Level 1: Beginner: NOT State Fair Eligible, Judging Day- Saturday

Beginning riders learn the essentials for getting started safely and successfully! Members will learn about cycling gear, bicycle parts, selection, fit, rules of the road, and more. Project can be taken for up to two years.

518- Wheels in Motion, Level 2: Intermediate: NOT State Fair Eligible, Judging Day- Saturday

Youth learn advanced skills as they explore their surroundings. Members will learn about buying, maintenance, repair, road skills, and cycling for life. Project can be taken for up to two years.

WOODWORKING

Each project book in the woodworking series may be taken for up to three years before going to the next project. Members may choose to advance to the next project book after only one or two years if their skills warrant it. Members must read tool rules for their particular project. Some projects require different tools for different skill levels. Members who use tools that are listed for higher project classes than what they took will be evaluated only and not considered for awards. Each project requires members to make certain items. Make sure to do the correct item for your project. Members may not use projects that were made for school. Members must bring the wood project they made to judging.

Judging Requirements for all Woodworking Projects: Members must complete general project guidelines outlined in the project book. Bring completed project book and one project from plans in the book or an item using similar plans and or skills outlined in the book activities. Members must also bring the assembled item for the project. If member is repeating any of the projects, a new project book and a new project must be created to showcase new skills and knowledge gained. Members must bring new and previous project books and projects or pictures of previous projects to judging if applicable.

Fair Exhibit for all Woodworking Projects: Project brought to judging.

****Additional judging requirements are listed under some of the Woodworking projects.**

556- Measuring Up, Level 1: Beginner and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

This beginner level project will get members started in woodworking by selecting an adult and setting up a safe place to work. The member is expected to do 90% or more of the project. The helper may dimension the lumber to the correct

width. The book covers ear and eye protection and these tools: a ruler or tape measure, a square, saws, an electric drill, clamps, a screwdriver, a hammer, and sand paper. If the members have safety instructions and are closely supervised by an adult, they will learn about power tools such as sanders, corded and cordless drills, saber saw, and scroll saw. Members will build and finish a project of their choice. Project can be taken for up to three years.

557- Making the Cut, Level 2: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

The second book in the series will have members select a wood project that shows off their new skills with a T-level, a miter box, a wood chisel, a hand jig saw, a scroll saw, a staple gun, and a power sander. Members will also learn more about the different species of wood. Project can be taken for up to three years.

558- Nailing it Together, Level 3: Intermediate and State Fair Eligible, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Saturday

The third book in the series will have youth practicing measuring angles, cutting dado and rabbet joints, using a circular saw, a table saw, and a radial arm saw if they have safety instructions and are closely supervised by a knowledgeable adult. Members will also work on smoothing lumber with a hand planer and sanding and staining wood. Use of advanced joining techniques (mortise and tenon, pocket holes, dovetails, etc.) encouraged if matched to member skills. Project should demonstrate the member has increased their knowledge and skills over previous projects. Project can be taken for up to three years.

559- Finishing Up, Level 4: Advanced and State Fair Eligible, Judging Day- Saturday

The final book in the series will challenge members to make larger wood items. They will learn how to hand-cut dovetail, mortise, and tenon joints. In this project, they will use a power router, various planers, and a power jointer to create a project of their choice. They will also look at veneer, common adhesives, stripping, and repairing. A member may use all non-power and power tools if they have safety instructions and are supervised by a knowledgeable adult. Project should demonstrate the member has increased their knowledge and skills over previous projects. Project can be taken for up to three years.

560M- Woodworking Master: Advanced and State Fair Eligible, Judging Day- Saturday

This project is for members who want to continue with woodworking after completing all the Ohio 4-H woodworking projects. Members of any age may take this project, but must have completed the existing projects, must have woodworking experience comparable to what is required for other advanced level projects, and must be able to plan and complete the project with minimal supervision or assistance. The project must show creativity, proper joinery technique, and good layout and design. Projects might include: intarsia, carvings, marquetry, lathe work, original designs, and antique furniture reproductions. Project is not available through a book but through worksheets. Worksheets may be picked up at the Extension office or available online at ohio4h.org/publications. Project can be completed in one year or can be repeated as long as it is different from what you can do within the guidelines of other 4-H woodworking projects and should require specialized or professional level skills to complete. Each Woodworking Master project you select must be different for each year.

Judging Requirements: Members must complete general project guidelines outlined in the project worksheets. Bring completed project outline and at least one item made from plans.

WRITING

588- The Writer in You: Intermediate: NOT State Fair Eligible, Judging Day- Wednesday

In this project, members will explore why to write, where to get ideas, themes, character, plot and setting, word choice, imagery and dialogue. Members must compile a portfolio of at least three items including poetry, short story fiction, and essay non-fiction. Project can be repeated as long as new knowledge and skills are gained and a new writing portfolio

with new pieces wrote is created every year. Members must **print** and turn in completed project book and portfolio to the Extension Office by **June 20th**. **You must still attend project judging on Wednesday.**

Judging Requirements: Members must complete general project guidelines outlined in the project book.

Fair Exhibit: Portfolio of items selected for judging.

WORK FORCE PREPARATION

382- Am I Ready For Work?: Intermediate and State Fair Eligible, Jr. (12-14 years old) and Sr. (15 and up), Judging Day- Wednesday

This project is designed for 4-H members who are preparing for their first paid job. They will explore how to make a good first impression, how to manage their money, how to apply for jobs, getting references, creating a resume, and interviewing. Members must have completed the Am I Ready for Work or the Here, There, Ag Careers are Everywhere project book, or have participated in a 4-H related workforce preparation program (camp counselors, CARTEENS, Junior Leadership, Junior Fair Board, Food and Fashion Board and leadership projects). Participants will create a digital display presentation illustrating his/her workforce preparation experiences and accomplishments. The display must convey what the participant learned or gained from being in this 4-H project or program and how the experience will benefit them in the future. Participants are limited to a 36" wide by 24" deep tabletop space to exhibit materials. Electrical connections are not available. Participants will be judged based on their knowledge, communication, project book, display/supplemental materials, and professional attire. This is a one year project and cannot be repeated.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring completed table-top exhibit (may be digital) and discuss their exhibit with the judge. Members must prepare a 30 second elevator speech to recite to the judge. An elevator speech is a clear, brief message or "commercial" about you. It communicates who you are, what you're looking for and how you can benefit a company or organization. Members must wear clothing appropriate for a job interview and bring a written cover letter and resume for the interview.

Details related to a digital display presentation include:

- Members must bring their own technology and source of internet if needed. Members using technology that experience computer glitches may, with permission of the judge, call upon outside assistance for technical help. Members are expected to be able to perform routine set-up and use of the equipment. When members using technology experience an equipment failure or glitch that cannot be resolved in a reasonable time (a few minutes), the judge may elect to move to the next presentation. The member will be given time to work out the technical problem and then re-schedule the display presentation with the judge's helper. If the member experiences a second failure, the display presentation will be ended and evaluated accordingly.

365.06- Self Determined Workforce Prep- The Work World Is Calling . . . Are You Ready?: All Levels and State Fair Eligible, Judging Day- Wednesday

Members will learn about different careers and get started with their first job or do more in a current position. Members will also make the most of their volunteer experiences and learn about growing the skills that employers want. Self-determined projects do not have a project book; rather members must complete the "Self-Determined Project Guide" which is available online at ohio4h.org/self-determined or pick up a copy at the Extension office. If exploring the same idea starter or topic again, then new activities within the areas of interest must be completed, and new knowledge and skills are gained every year.

Judging Requirements: Members must complete general project guidelines outlined in the Self-Determined Project Guide. Bring completed project outline, list of objectives they wanted to learn, an outline of their work, and a final report on project and what they did. Members should also bring a tabletop exhibit (e.g. poster, educational display, scrapbook, etc.) illustrating highlights of their project experience and accomplishments. Pick a career of interest and research the skills, experiences, and education needed. Members must bring a copy of a cover letter and resume applying to the select

job in Activity 2. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

Fair Exhibit: Tabletop exhibit from judging.

386- You're Hired!: Advanced and State Fair Eligible, Judging Day- Wednesday

Welcome to the world of work! Members will learn how to make the most of the experience by working with their boss, taking initiative, resolving conflict, receiving feedback, and more. With the right approach, your job experience will help you grow into a respected and valued employee.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Bring a display (i.e, digital, trifold, portfolio, etc.) that shows the process you experienced to get hired in your job and how this job will better you in the future. You must provide your own technology if you choose to use it. Members must dress appropriately for the job you are employed at.

Fair Exhibit: Display from judging.

387- Here, There, Ag Careers are Everywhere: Advanced and State Fair Eligible, Judging Day- Wednesday

Career opportunities in agriculture are everywhere, including in places you may not know about. Members will explore interests and talents to find their best fit in the working world outside of traditional production farming. There is a rewarding ag career for you!

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book. Must bring a paper copy portfolio or digital portfolio to expand on your project knowledge. Pick an agricultural career of interest and research the skills, experiences, and education needed. Refer to Activity 2: Career Field Map. Members using technology are responsible for bringing their own laptop/tablet. Members must bring a paper copy of a cover letter and resume applying to the selected job in Activity 2: Career Field Map.

Fair Exhibit: Display from judging.

COUNTY PROJECTS

All County projects are NOT State Fair Eligible.

1660- Corn, Judging Day- Saturday

From seed to market, youth will learn about corn in this advanced level project. They will discover the best time to plant their crop, when it should be harvested, and how it is marketed. This project will take six to eight months to complete and may be taken up to four years. Project is recommended for members 12 years or older.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book, a poster or educational display relating to project, and three stalks of corn with roots attached. If member is repeating the project, a new project book must be completed and a new poster or educational display created to showcase new skills and knowledge gained. Member must bring new and previous project books and posters or educational displays to judging.

Fair Exhibit: Three stalks of corn with roots attached to display in the Grange Building and a poster or educational display to exhibit in club booth or county booth.

1661- Small Grains, Judging Day- Saturday

Learn about wheat, oats, barley, rye, and other small grains in this advanced level project. Youth will also discover how to supply nutrients, how to identify diseases, insects and weeds, and methods of harvesting and storing. This project will take six to eight months to complete and may be taken for up to four years. Project is recommended for members 12 years or older.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book, a poster or educational display relating to project, and one gallon of wheat, oats, barley, rye, or other grain that was grown by the member. If member is repeating the project, a new project book must be completed and a new poster or educational display created to showcase new skills and knowledge gained. Member must bring new and previous project books and posters or educational displays to judging.

Fair Exhibit: Gallon of grain grown to display in the Grange Building. Member may exhibit poster or educational display in club booth or county booth.

1020- Soybeans, Judging Day- Saturday

Planting, harvesting, and marketing soybeans is the subject of this advanced project. Youth will also learn plant nutrition, crop protection and uses for soybeans. This project will take six to eight months to complete and may be taken for up to four years. Project is recommended for members 12 years or older.

Judging Requirements: Members must complete general project guidelines outlined in the project book. Bring completed project book, a poster or educational display relating to project, and five stalks of soybeans with roots attached. If member is repeating the project, a new project book must be completed and a new poster or educational display created to showcase new skills and knowledge gained. Member must bring new and previous project books and posters or educational displays to judging.

Fair Exhibit: Five stalks of soybeans with roots attached to display in the Grange Building. Member may exhibit poster or educational display in club booth or county booth.

004- Cookie Project, Jr. (8-13 years old) and Sr. (14 and up), Judging Day- Wednesday

See page 54 for details.



Resources for Members and Volunteers

Advisor Handbook

<https://ohio4h.org/volunteers/volunteers/club-leaders/ohio-4-h-volunteer-handbook>

This site is designed for 4-H Club Advisors and includes information on Ohio 4-H policies and procedures as well as tips for working with your club.

Club Officer Page

<https://ohio4h.org/families/members/officer-resources>

Visit this site to download officer books and watch online officer training videos.

Cloverbud Newsletter and Activity Pages

<https://ohio4h.org/families/cloverbuds/ohio-4-h-cloverbud-connections>

This online newsletter is published four times per year and includes helpful tips and program ideas for Cloverbud groups.

Ohio State Fair

<https://ohiostatefair.com/>

Use the links on this web page to find information about the Ohio State Fair, including ticket information, prices, maps, and State Fair livestock shows.

<https://ohio4h.org/families/ohio-state-fair/state-fair-4-h-non-livestock-guidebook>

Information about non-livestock 4-H State Fair projects can be found here.

Ohio 4-H Engineering Page

<https://ohio4h.org/statewide-programs/4-h-science>

This page includes helpful information about ATV's, knots, robotics, and rocketry projects.

Seneca County 4-H

www.seneca.osu.edu

This is our website where you will find all of the up-to-date information, registrations, applications, and flyers for events and programs, and newsletters. You will also be able to find an electronic copy of this Family Handbook on this website.

Seneca County Fair

www.senecacountyfair.org

This website will provide livestock and other department information, schedules, entertainment, the fair book, ticket information, and forms. It includes both Jr. and Sr. fair activities.